

THE BOARD OF SUPERVISORS OF THE COUNTY OF STANISLAUS  
ACTION AGENDA SUMMARY

DEPT: Public Works

BOARD AGENDA # \*C-1

Urgent

Routine

AGENDA DATE December 18, 2012

CEO Concurs with Recommendation YES  NO

4/5 Vote Required YES  NO

(Information Attached)

SUBJECT:

Approval to Authorize the Purchase of Three 40-Foot Compressed Natural Gas (CNG) Transit Buses From New Flyer Industries, Inc., and One 32-Foot CNG Transit Bus from El Dorado National California for Stanislaus County's Stanislaus Regional Transit (StaRT) Public Transit Bus Fleet

STAFF RECOMMENDATIONS:

1. Authorize the purchase of three 40-foot CNG transit buses in the amount of \$1,650,055 for Stanislaus County's StaRT public transit bus fleet from New Flyer Industries, Inc.
2. Authorize the purchase of one 32-foot CNG transit bus in the amount of \$454,977 for Stanislaus County's StaRT public transit bus fleet from El Dorado National California.
3. Authorize the Public Works Transit Division Manager to sign and execute all necessary documents.

FISCAL IMPACT:

The purchase orders for the buses will total \$2,105,032. The total project cost is \$2,210,284, including \$105,252 for contingency (5% of the purchase order). The contingency costs are within Federal and State guidelines. The buses are funded with Local Transportation Funds which are included in Public Works Local Transit System's Fiscal Year 2012-2013 Adopted Final Budget. There is no impact to the General Fund.

BOARD ACTION AS FOLLOWS:

No. 2012-632

On motion of Supervisor Monteith, Seconded by Supervisor Withrow

and approved by the following vote,

Ayes: Supervisors: Chiesa, Withrow, Monteith, De Martini and Chairman O'Brien

Noes: Supervisors: None

Excused or Absent: Supervisors: None

Abstaining: Supervisor: None

1) X Approved as recommended

2) \_\_\_\_\_ Denied

3) \_\_\_\_\_ Approved as amended

4) \_\_\_\_\_ Other:

MOTION:



ATTEST: CHRISTINE FERRARO TALLMAN, Clerk

File No.

## Approval to Authorize the Purchase of Three 40-Foot Compressed Natural Gas (CNG) Transit Buses From New Flyer Industries, Inc., and One 32-Foot CNG Transit Bus from El Dorado National California for Stanislaus County's Stanislaus Regional Transit (StaRT) Public Transit Bus Fleet

### **DISCUSSION:**

The Stanislaus County Public Works Transit Division oversees the operation of the County's transit system, Stanislaus Regional Transit (StaRT) and as part of its responsibilities; researches and provides recommendations on procuring expansion and replacement buses for transit services to the Board of Supervisors for approval.

Based on preliminary analysis and on-going evaluation of transit services provided throughout the County, there is a need to upgrade the type of buses utilized for transit services based on current and future service configuration. As such, beginning with this procurement, staff is recommending purchasing a mid-size, heavy-duty, low-floor (i.e., a 32-ft) bus to address capacity related concerns on some routes and that would replace the small (20-ft and/or 25-ft) buses presently used. Staff's initial recommendation was for the purchase of two small buses; however, after review it was determined there is a need to purchase one medium size bus rather than the smaller buses currently used for service. The recommended 32-ft mid-size bus has the capacity to carry close to 33 passengers depending on the configuration of wheelchair space provided inside the bus. Exhibit F shows a sample of the recommended bus to be purchased. This type of bus would also help to address capacity related challenges StaRT continues to experience on Route 45, which serves residents in the Western part of the County. Staff believes that successful implementation of using a mid-size bus would pave the way for StaRT to align the type and size of buses with the defined service configuration provided on each route.

It is recommended that the Board approve this request to enable staff to take advantage of the State of Minnesota Department of Transportation (MDOT) contract to procure the buses. The manufacturer of these buses take up to two years and "piggybacking" on this contract before it expires in December 2012 ensures the buses are purchased, received and placed in service in a timely manner.

Taking advantage of this assignment enables the Transit Division to purchase the large-size heavy-duty 40 ft buses from New Flyer Industries, Inc., and 32 ft mid-size heavy-duty bus from El Dorado National, California at a lower cost. Under FTA guidelines, transit agencies have the opportunity to take advantage of economies of scale by "piggybacking" on the "assignability" provisions of other transit agencies' procurement process to maximize their buying power and minimize cost. Upon approval by the Board of Supervisors, the Public Works Transit Division will move ahead with purchasing three 40-ft CNG buses from New Flyer Industries, Inc., and one 32-ft CNG bus from El Dorado National, California off the MDOT contract.

The Orion Series V and VII buses currently used for fixed route service were purchased and placed in service in 2003 and 2008 respectively. The four new buses are intended to replace buses in the fleet that were purchased in 2003 which are close to meeting their useful life as required by the Federal Transit Administration (FTA). As per FTA Policy on the useful service life for transit buses and vans, heavy-duty transit buses must meet the established minimum threshold of 12 years or 500,000 miles, whichever comes first. Based on the monthly maintenance reports received from the County's transit service contractor, Storer Transit Systems; five out of the ten large buses in the fleet will more than likely meet the mileage threshold of 500,000 miles before the end of the current fiscal year.

## Approval to Authorize the Purchase of Three 40-Foot Compressed Natural Gas (CNG) Transit Buses From New Flyer Industries, Inc., and One 32-Foot CNG Transit Bus from El Dorado National California for Stanislaus County's Stanislaus Regional Transit (StaRT) Public Transit Bus Fleet

The County's service contractor informed StaRT in 2010 that the existing buses needed to be replaced as they were breaking down more often. StaRT was also informed that the engines in these buses could not be replaced or rebuilt. Furthermore, the current Detroit diesel CNG built-engines are no longer being made and repowering the buses with a Cummins engine would require major reconfiguration due to the larger size of Cummins engines. Replacing the engines would impact the structural integrity of the buses along with requiring extensive bodywork. In addition to the mechanical problems and in accordance with the US Department of Transportation Regulations and Federal Motor Vehicle Requirements, buses cannot be operated with CNG cylinders that have exceeded their certified service life of 15 years. Since the service life of the Orion V CNG cylinders is based on the date when the cylinders were manufactured and not when the buses were manufactured, the old CNG cylinders cannot be recertified.

Over the last six months, the buses with the highest mileage in the fleet have had to be pulled out of service due to the buses continuously breaking down. As a result, passengers have had to wait for more than an hour for another bus before continuing with trips to their destinations. This has impacted some passengers' ability to get to their jobs or school on time. Related impacts also include decreased service quality as a result of the higher rate of engine failures and a decline in service reliability. This will affect StaRT's ridership and will ultimately result in increased passengers' comments. Additionally, the cost of maintaining these buses will continue to increase and will result in higher maintenance cost charges from the County's service contractor.

Staff continues to research other funding sources such as Section 5311(f) and Proposition 1B (PTMISEA) Transit Capital fund to lessen the impact on using LTF funding. If additional transit funding is awarded to StaRT from any of the aforementioned grant sources, staff will use this funding to backfill the use of LTF for procuring the buses. Overall, these assignments will ensure that the Transit Division receive and place the buses in service in a timely manner. Staff has taken the necessary steps to begin participation in this contract and has registered in the Cooperative Purchasing Agreement with MDOT. We are currently working with New Flyer and El Dorado to assign the number of vehicles to be purchased.

Attached are the State of Minnesota Department of Transportation letter of assignability and the draft agreement between the County and New Flyer Industries, Inc., as well as with El Dorado National, Inc.

### **POLICY ISSUES:**

Approval of this action supports the Board's priority of A Well Planned Infrastructure System and Efficient Delivery of Public Services by ensuring the County's public transit system complies with Federal and State efficiency standards.

### **STAFFING IMPACT:**

There is no staffing impact associated with this request.

Approval to Authorize the Purchase of Three 40-Foot Compressed Natural Gas (CNG) Transit Buses From New Flyer Industries, Inc., and One 32-Foot CNG Transit Bus from El Dorado National California for Stanislaus County's Stanislaus Regional Transit (StaRT) Public Transit Bus Fleet

**CONTACT PERSON:**

Eunice Lovi, Public Works Transit Manager. Telephone: 209-525-7560.

EL:lc

H:\Eunice Lovi\BOS\FY 12-13\Bus Procurement \Bus Procurement Contract Approval\_BOS 12.18.12

STANISLAUS COUNTY PUBLIC WORKS – TRANSIT DIVISION  
NEW FLYER HEAVY-DUTY LOW FLOOR CNG TRANSIT COACHES  
PURCHASE ORDER ATTACHMENT

This agreement is made by and between THE COUNTY OF STANISLAUS, hereinafter referred to as "COUNTY", and NEW FLYER OF AMERICA INC., hereinafter referred to as "CONTRACTOR". Witnesseth, that CONTRACTOR and COUNTY, for the consideration hereinafter named, agree as follows:

1. SCOPE OF WORKS

CONTRACTOR shall perform all work and furnish the labor, materials, tools, equipment; services and incidentals required under the Contract, in full accordance with the Minnesota Department of Transportation Contract Award Number 40763 dated January 30, 2012.

2. TIME OF PERFORMANCE

CONTRACTOR shall complete all of the work called for under this agreement, particularly described in Paragraphs 1 and 2 herein above, on or before December 31, 2013.

3. CONTRACT PRICE

CONTRACTOR shall faithfully perform each and every type of work required under this Agreement as stated in the Pricing Document attached hereto as Exhibit B and incorporated by reference. The amount to be paid per bus shall not exceed \$581,201 per bus with overhead racks and \$534,427 without overhead racks. Any additions or subtractions from this Contract sum shall be made only in writing by authorized representatives of CONTRACTOR and COUNTY.

4. CONTRACT DOCUMENTS

This agreement shall consist of the following documents, each of which is on file in the Office of the County of Stanislaus Public Works – Transit Division, and all of which are incorporated herein and made as part of hereof by reference hereto, including all additions and deletions agreed to by both parties.

- Copy of Notification of Contract Award to New Flyer of America Inc. dated January 30, 2013. Exhibit A
- Copy of Minnesota Department of Transportation Specification and Price Forms - Exhibit B
- Copy of Public Works – Transit Division Membership Application to Participate in the Cooperative Purchasing Venture (CPV). Exhibit C
- Copy of Cooperative Purchasing Agreement between MDOT – Materials Management Division and the County. Exhibit D

- Copy of Contract Release by MDOT – Materials Management Division outlining all vendors participating in the Contract. Exhibit E

## 5. SERVICE OF NOTICE

Any notice required or permitted to be given under this Agreement shall be deemed given when personally delivered to recipient thereof or mailed by registered or certified mail, return receipt requested, prepaid postage, to the appropriate recipient thereof, addressed as follows:

### CONTRACTOR:

Mr. Paul Smith  
New Flyer of America Inc.  
711 Kernaghan Avenue  
Winnipeg, Manitoba Canada R2C 3T4

### COUNTY:

Eunice Lovi, Transit Manager  
Stanislaus County Public Works – Transit Division  
1010 10<sup>th</sup> Street, Suite 4204  
Modesto, CA 95354

Or at any address which either party may subsequently designate in writing to the other party.

## 6. GOVERNING LAW

Notwithstanding anything to the contrary that may be in MDOT – Materials Management Division Contract, this Agreement shall be governed and construed in accordance with the laws of the State of California. The parties agree that the venue for any court proceeding relating in any way to this Contract shall lie in Modesto California.

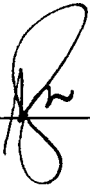
## 7. NON-DISCRIMINATION

CONTRACTOR shall comply with all applicable federal, state, and local laws, rules, and regulations in regard to non-discrimination in employment regardless of race, creed, color, sexual orientation, marital status, physical or mental disability, or national origin.

## 8. CHANGES AND MODIFICATIONS

This writing is intended both as the final expression of the Agreement between the parties hereto with respect to the included terms and as a complete and exclusive statement of the terms of the A, pursuant to CCP 1856. No modification of this Agreement shall be effective unless and until such modification is evidenced in writing signed by both parties. The total funding for this purchase may not exceed \$1,650,055 unless the COUNTY and CONTRACTOR agree in writing, to changes in or additions to the work plan.

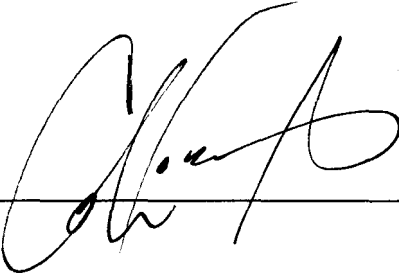
**CONTRACTOR – NEW FLYER OF AMERICA INC**

BY:  \_\_\_\_\_

DATE: November 29, 2012

NAME: Paul Smith

TITLE: EVP Sales and Marketing

BY:  \_\_\_\_\_

DATE: November 29, 2012

NAME: Colin Pewarchuk

TITLE: EVP, General Counsel

**COUNTY – COUNTY OF STANISLAUS PUBLIC WORKS –TRANSIT DIVISION**

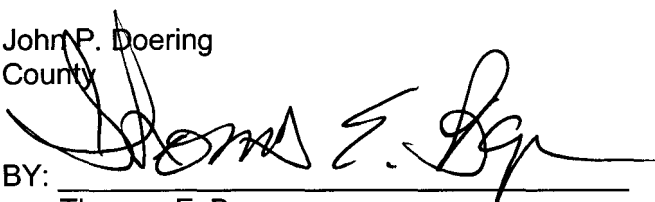
BY:  \_\_\_\_\_

DATE: December 18, 2012

NAME: Eunice LOVI

TITLE: Transit Manager

**AS APPROVED TO FORM:**

John P. Doering  
County  
  
BY: \_\_\_\_\_  
Thomas E. Boze  
Deputy County Counsel

DATE: 12-6-12



Materials Management Division  
112 Administration Building  
50 Sherburne Avenue  
St. Paul, MN 55155  
Voice: 651.201.2438  
Fax: 651.297.3996

**NOTIFICATION OF CONTRACT AWARD**

<b>To:</b> Mr. Paul Smith New Flyer of America Inc. 711 Kernaghan Avenue Winnipeg, Manitoba Canada R2C 3T4	<b>CONTRACT NO:</b> 40763 <b>RELEASE NO:</b> B-347(5) <b>CONTRACT PERIOD:</b> January 27, 2012 Through December 31, 2012 <b>EXTENSION OPTION:</b> None
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You are hereby notified that your response to our solicitation, which opened December 23, 2011, is accepted. This Contract Award includes all or part of the following products or services, as further specified in Exhibit A:

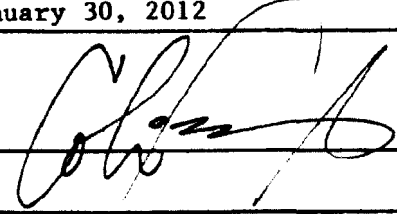
**REBID - Buses: Transit Buses – 2012 Model Year Accessible Small and Mid-Sized Body-on-Chassis Buses and Purpose Built Medium/Heavy Duty Accessible Buses**

The following documents, in order of precedence, are incorporated herein by reference and constitute the entire Contract between you and the State: (1) this Notification of Contract Award, together with Exhibit A and any attachments or subsequent purchase orders, amendments or similar documents; (2) the State's solicitation; and (3) your response. In the event of a conflict in language among any of these documents, the terms and conditions set forth and/or referenced in this Notification and any later executed documents shall prevail over conflicting terms and conditions contained in the earlier documents, in their original form or as amended.

**1. NEW FLYER OF AMERICA, INC.**

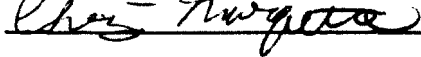
The Contractor certifies that the appropriate person(s) have executed this Amendment on behalf of the Contractor as required by applicable articles, bylaws, resolutions, or ordinances.

**By:**   
**Title:** David White, Executive V.P.  
Supply Management  
**Date:** January 30, 2012

**By:**   
**Title:** Colin Pewarchuk, Executive V.P.  
General Counsel  
**Date:** January 30, 2012


**2. MATERIALS MANAGEMENT DIVISION**

In accordance with Minn. Stat. § 16C.03, Subd. 3.

**By:**   
**Title:** Acquisition Management Specialist  
**Date:** 2/3/12

**3. COMMISSIONER OF ADMINISTRATION**

Or delegated representative.

**By:**   
**Date:** 2/3/12



New Flyer of America, Inc.

Contract No. 40763

**STATE OF MINNESOTA  
MATERIALS MANAGEMENT DIVISION**

**PRICE CONTRACT**

**EXHIBIT**

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**As stated in the Notification of Contract Award, this Contract incorporates the terms, conditions and specifications of the solicitation and response at the prices offered.**

**TERMS: NET 30 DAYS**

**DELIVERY: 420 DAYS ARO**

**Class 700 Vehicles:**

**New Flyer Xcelior XD35 and XD40 Heavy Duty Bus**

**OPTIONAL EQUIPMENT.** The prices submitted and contracted are for standard and optional equipment and are considered final. If a Purchaser determines that additional optional equipment is required, that optional equipment must be purchased separate and aside from the Contract and a separate purchase order is required. The Contract Vendor may not sell or add items that are not included on the Contract Price Schedule. Price adjustments to this Contract will only be approved through a fully executed Contract amendment.

**EXHIBIT B  
(Excel® Spread Sheet)**

**MINNESOTA DEPARTMENT OF TRANSPORTATION (Mn/DOT)**

**SPECIFICATION AND PRICE FORMS**

**2012-2013 MODEL YEAR PROCUREMENT FOR PURPOSE BUILT,  
MEDIUM/HEAVY DUTY ACCESSIBLE TRANSIT BUSES  
Approximately 25' TO 60'**

**INCLUDES THE FOLLOWING SECTIONS:**

**CONTRACT AGREEMENT FLYER**

**Detailed Specifications  
Price Sheets  
Options  
Technical Information  
Warranty Information**

**DETAILED SPECIFICATIONS  
Standard and Low Floor Buses**

Red - Changes for 2012

**ANY EXCEPTIONS MUST BE NOTED**

**1. DIMENSIONS**

Proposers must note any variations from these minimums or maximums

1.01	No <u>See Deviation/Clarification #1 (Tab #8 - Deviation Attached)</u>	Passenger door(s) shall have a minimum height of 77 inches. Passenger door(s) will be powered and controlled by driver.
1.02	<u>YES</u>	Minimum of 26.5 inches knee-to-hip spacing between passenger seats.
1.03	<u>YES</u>	Minimum aisle width is 18 inches; 12 inches minimum is permissible in wheelchair area; 15 inch minimum is permissible adjacent to forward facing fold-away seats.
1.04	No <u>See Deviation/Clarification #2 (Tab #8 - Deviation Attached)</u>	Passenger door entrance area must have a clear width opening of at least 26 inches, excluding actuating rod for manual door.
1.05	<u>YES</u>	Gross Vehicle Weight Rating (GVWR) of the completed vehicle will be adequate and appropriate for application described, a full tank of fuel, the number of passengers and wheelchairs described, plus 200 pounds. Any exceptions to this requirement, seating capacity, or any other specification must be noted. Certified weight of completed vehicle as ordered will be affixed to the completed vehicle.

**2. CHASSIS COMPONENTS**

2.01	No <u>See Deviation/Clarification #3 (Tab #8 - Deviation Attached)</u>	Drive train will be adequate for GVWR and will maintain 70 mph, except when a lesser speed is recommended by manufacturer. Performance evaluation data confirming the specification will be supplied with the proposal. Will be equipped with fast idle.
2.02	<u>YES</u>	Engine block heater
2.03	<u>YES</u>	Hour Meter
2.04	<u>YES</u>	Vehicle will have a minimum of one power point in drivers area.
2.05	<u>YES</u>	Vehicle must be equipped with brake or transmission interlock per Americans with Disabilities Act (ADA) requirements, as set forth in ADA 49CFR 38.23(b), and protected from the weather.
2.06	<u>YES</u>	Automatic Transmission to be equipped with a starter interlock, as set forth in FMVSS# 102, to prevent starting the engine unless transmission is in neutral or park. Original equipment manufactured and factory installed.
2.07	<u>YES</u>	Engine coolant protection to minus 34 degrees Fahrenheit.
2.08	<u>YES</u>	Power steering with tilt steering wheel.
2.09	<u>YES</u>	Windshield will be darkest available tint.
2.10	<u>YES</u>	Gauges - full gauge package including fuel, oil pressure, water temperature, ammeter or voltmeter.
2.11	<u>YES</u>	Fuel filler mechanism shall be of an approved design, in compliance with applicable safety regulations. The volume capacity of the neck and fill must match standard fill rates and vent capacity for refueling.
2.12	No <u>See Deviation/Clarification #4 (Tab #8 - Deviation Attached)</u>	All buses with a wheelchair lift located on the rear right side of the vehicle will have the exhaust pipe routed out the left rear of the vehicle in conformance with Federal Motor Carrier Safety Regulations, Part 393.83. Exhaust pipe will not interfere with any low hooks or other equipment.

- 2.13                                                                YES                      Disc wheels will be required. Dual (4 total) rear wheels shall be provided on a single rear axle.
- 2.14                                                                YES                      Tires will be radials with size appropriate to GVWR requirements and compatible with the warranty requirements of Section 6.0
- 2.15                                                                No                       
See Deviation/Clarification #5  
(Tab #6 - Deviation Attached) The front end shall be aligned and front wheels balanced after completion of body on chassis. A computerized alignment printout shall be supplied with vehicle.
- 2.16                                                                No                       
See Deviation/Clarification #6  
(Tab #6 - Deviation Attached) Brakes - hydraulic brakes required for vehicle up to 30,000 pounds GVWR. Air brakes required for vehicles in excess of 30,000 pounds GVWR. Use largest OEM available and extended life brake linings, if available.
- 2.17                                                                YES                      Suspension - matched to GVWR.

**3. ELECTRICAL**

- 3.01                                                                No                       
See Deviation/Clarification #7  
(Tab #6 - Deviation Attached) 12 Volt system, battery(ies) with 1100 CCA's at 0 degrees (F) minimum.
- 3.02                                                                YES                      Minimum 160 Amp alternator.
- 3.03                                                                YES                      Skirt-mounted battery boxes, if provided, must allow maximum ground clearance possible. Battery compartments shall be constructed to prevent entrance of debris and allow adequate ventilation of vapors. Battery cables to be run full length with no splices.
- 3.04                                                                YES                      Redundant ground between chassis and power unit at two locations.
- 3.05                                                                No                       
See Deviation/Clarification #8  
(Tab #6 - Deviation Attached) Electrical wiring will be coded for easy identification. Junction panels will be located within a compartment with all circuit breakers and fuses easily accessible. The proposer will supply, with each vehicle, a complete set of fuses, including at least one (1) spare fuse of each type and size used in the vehicle, including fuses under the hood.
- 3.06                                                                YES                      A set of individual, customized wiring diagrams, including coding, will be provided for and with each individual vehicle.

**4. BODY CONSTRUCTION**

- 4.01                                                                YES                      Body Structure - Frame and body structures must meet Federal FMVSS #220 standard. Certification of Compliance with FMVSS #220 rollover protection shall be furnished with the proposal, along with a diagram of proposed structure, including floor members. In lieu of FMVSS #220, Purpose Built Medium/Heavy Duty buses will meet APTA Standard Bus Procurement Guidelines, Section 5.4.1.2-Crashworthiness.
- 4.02                                                                YES                      Bus must meet FMVSS #217 Federal escape standards. Emergency side exits will include a minimum of one window per side, equipped with a safety release latch and swing out capability, in conformance with the operating characteristics of FMVSS# 217. Each emergency exit will have the designation "Emergency Exit" permanently affixed in a manner that will not loosen in normal vehicle operation.
- 4.03                                                                YES                      Prior to final assembly, all metal parts shall be treated with multiple stage anti-corrosion treatment. All nuts, bolts, clips, washers, clamps, rivets and like parts will be zinc or cadmium plated, or phosphate coated, to prevent corrosion. Use stainless steel where practical.
- 4.04                                                                YES                      Wherever threaded fasteners are attached into interior panels only, a reinforcing nut or panel will be installed for added strength and fastener retention.
- 4.05                                                                YES                      Welding procedures used throughout the vehicle including materials, methods and personnel will be in accordance with ASTM and American Welding Society Standards.

4.06	<u>YES</u>	All handrails, stanchions and auxiliary air conditioners, where attached to wall or ceiling, will be secured directly to the metal frame structure or to reinforcement plates which are secured directly to the frame or embedded securely in the body panels.
4.07	<u>YES</u>	Exterior body panels will be galvanized steel, aluminum or fiberglass with a white finish. Dissimilar metals will be insulated to prevent galvanic action. With the exception of stainless steel, all metal will be pre-treated, primed, and painted to resist corrosion for the life of the vehicle.
4.08	<u>YES</u>	Interior finish will be off white or light tone, color coordinated with seats, floor and exterior.
4.09	<u>YES</u>	Body will be thoroughly water tested to ensure no leakage.
4.10	<u>YES</u>	Insulation - With unloaded bus, driver's area noise level will not exceed 82 decibels at a constant speed of 55 mph.
4.11	<u>N/A</u>	Lift Door - Vertically hinged, horizontal swing, double doors - with windows, will be provided for the installation of a wheelchair lift device meeting ADA standards. The location of this door will be on the right side of the vehicle. The height of the lift door will be in compliance with CFR 49 Part 38.25. When in full open position, wheelchair lift access doors will be firmly fixed in position and provide a clear opening between the top of the door opening, including hardware, and the raised platform of 66 inches minimum, with the lift deployed but not lowered. *Does not apply to low floor buses with ramps*.
4.12	<p>No  <u>See Deviation/Clarification #9                      (Tab #8 - Deviation Attached)</u></p>	<p>Floor - The floor will be marine grade plywood, 1/2" thick minimum. The floor covering will be slip-resistant transit-floor rubber(minimum 20%SBR), color other than black, with ribbed step treads and ribbed section in aisle and a two(2) inch wide band of contrasting color on step edges and aisle threshold directly behind driver. Floor covering must meet FMVSS 302 and ADA requirements for slip resistance.</p> <p style="text-align: right;">Specify colors: <u>Various</u></p> <hr/> <hr/> <p>On heavy duty 12 year buses alternate flooring will be accepted if it has a 12 year warranty.</p>
4.13	<u>YES</u>	Windows will be transit type passenger windows on each side.
4.14	<u>YES</u>	Driver's side will have a sun visor or sun shade.
4.15	<u>YES</u>	Undercoating - Entire body will be undercoated with a non-hardening and non-chipping material. Chassis will be rustproofed to OEM standard. No warranties will be reduced or limited by the application of undercoating.
4.16	<u>YES</u>	Rubber or molded fender splashguards will be installed on rear wheel openings.
4.17	<u>YES</u>	Mud flaps will be installed on front and rear (large enough to cover duals.)
4.18	<p>No  <u>See Deviation/Clarification #10                      (Tab #8 - Deviation Attached)</u></p>	Bumpers - manufacturer's standard bumper will be heavy duty and be flush with or extend beyond projected vertical lines of all body paneling and exterior lights. Bumpers will be fastened directly to the vehicle frame. Bumper height will be industry standard to provide protection against automobile and bus damage.
4.19	<u>YES</u>	Towing - contract vendor must identify procedures for safely towing a completed vehicle according to chassis manufacturer's recommendation.

5. VEHICLE FEATURES

- |      |  |   |
|------|--|---|
| 5.01 | <p style="text-align: center;">YES</p>   | <p>Seating - Standard floor plans are required with the proposal. Detailed floor plans are required with vehicle orders. Exceptions to capacity required to meet other specifications must be noted</p> |
|      | <p style="text-align: center;">No<br/>See Deviation/Clarification #11<br/>See Deviation/Clarification #12<br/>(Tab #8 - Deviations Attached)</p> |   |
- |      |  |  |
|------|--|--|
| 5.02 |  | <p>Passenger Seats - Forward-facing medium-back (21-26" from top of seat cushion to top of seat back) doubleseats secured to the vehicle floor in accordance with FMVSS# 207. Seats will have a minimum of 17 inch cushion width and depth per person. All buses to have track type seat anchorages, to allow users to easily rearrange seating configurations<br/>Perimeter seating allowed on purpose built transit buses.</p> |
|------|--|--|
- |      |  |  |
|------|--|--|
| 5.03 | <p style="text-align: center;">YES</p> | <p>All flip seats and fold-away seats are to be double (two-passenger) forward facing seats, unless otherwise specified.</p> |
|------|--|--|
- |      |  |   |
|------|--|---|
| 5.04 | <p style="text-align: center;">YES</p> | <p>Driver's seat will be a fully adjustable high-back bucket seat, with right side arm rest, adjustable tilt back and lumbar support.</p> |
|------|--|---|
- |      |  |   |
|------|--|---|
| 5.05 | <p style="text-align: center;">YES</p> | <p>Seat materials - All seat materials must meet FMVSS #302. Cloth upholstery is standard with color to be selected by purchaser from several available colors or patterns.</p> |
|------|--|---|
- |      |   |   |
|------|---|---|
| 5.06 | <p style="text-align: center;">YES - Driver's Seat<br/>NO - Passenger Seats as N/A to<br/>Transit Buses</p> | <p>Seat Belts - Must meet FMVSS #209 and #210. The driver's seat will be equipped with a retracting seat belt. All standard passenger seats will be equipped with under seat mounted retracting adult seat belts, except seats against rear of bus which will have non-retracting seat belts.</p> |
|------|---|---|
- |      |  |  |
|------|--|--|
| 5.07 | <p style="text-align: center;">YES</p> | <p>Seat belt cutter, capable of cutting supplied wheelchair securement straps without exposed cutting edge and not usable as a weapon.</p> |
|------|--|--|
- |      |  |  |
|------|--|--|
| 5.08 | <p style="text-align: center;">YES</p> | <p>Priority seating signs and all other ADA required signage must be in place.</p> |
|------|--|--|
- |                         |  |  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
|-------------------------|--|--|--------------------|--|--|--------------------|--|--|--------------------|--|--|-------------------------|--|--|-------------------------|--|--|
| 5.09                    | <p style="text-align: center;">YES</p> | <p>Lift/Ramp - ADA approved, will meet or exceed requirements identified in APPENDIX section, and all State, Federal, ICC, and ADA. Fluid used will be Aircraft Hydraulic Fluid to meet U.S. Mil Spec H5606G. (Texaco #15 or Mobil Aero HFA or equivalent)<br/>Minimum clear dimensions for platform are 30" wide X 48" length.</p>  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
|                         |  | <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Specify Mfg/Model:</td> <td style="width: 20%; border-bottom: 1px solid black;"></td> <td style="width: 20%; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Specify Mfg/Model:</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Specify Mfg/Model:</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Specify Ramp Mfg/Model:</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Specify Ramp Mfg/Model:</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> </table> | Specify Mfg/Model: |  |  | Specify Mfg/Model: |  |  | Specify Mfg/Model: |  |  | Specify Ramp Mfg/Model: |  |  | Specify Ramp Mfg/Model: |  |  |
| Specify Mfg/Model:      |  |  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
| Specify Mfg/Model:      |  |  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
| Specify Mfg/Model:      |  |  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
| Specify Ramp Mfg/Model: |  |  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
| Specify Ramp Mfg/Model: |  |  |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
|                         |  | <p>Low floor buses with ramps.</p>   |                    |  |  |                    |  |  |                    |  |  |                         |  |  |                         |  |  |
- |                    |  |  |                    |  |  |                    |  |  |
|--------------------|--|--|--------------------|--|--|--------------------|--|--|
| 5.10               | <p style="text-align: center;">Yes</p> | <p>Wheelchair Securement Devices will be retractable automatic self-tensioning, self-locking with tightening knob(s) approved by the Minnesota Department of Public Safety and installed per State, Federal and ADA requirements. Wheelchair securements will be flush mounted on the floor, or approved equal. All wheelchair securement devices provided and the installation thereof, performance pursuant to these specifications, will meet or surpass the minimum standards per ADA requirements. Mounts must be ADA approved with shoulder harness. Shoulder harness shall be adjustable to compensate for some variations in size of wheelchair or passenger. At no time will the position of a wheelchair securement device or area, 30 inches wide per ADA specifications, when used with a standard (per ADA) wheelchair, reduce clear aisle space to less than the dimensions specified in this proposal (Section 1, part 1.03).</p> |                    |  |  |                    |  |  |
|                    |  | <table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Specify Mfg/Model:</td> <td style="width: 20%; border-bottom: 1px solid black;"></td> <td style="width: 20%; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Specify Mfg/Model:</td> <td style="border-bottom: 1px solid black;"></td> <td style="border-bottom: 1px solid black;"></td> </tr> </table>  | Specify Mfg/Model: |  |  | Specify Mfg/Model: |  |  |
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| 5.11 | <p style="text-align: center;">No<br/>See Deviation/Clarification #13<br/>See Deviation/Clarification #14<br/>(Tab #8 - Deviations Attached)</p> | <p>Heating Systems - Dual; front and rear heating system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 0 degree. Performance evaluation data confirming the specification will be supplied with the proposal. Each heater will be fused and switched separately.</p> |
|------|--|--|
- |      |  |  |
|------|--|--|
| 5.12 | <p style="text-align: center;">No<br/>See Deviation/Clarification #15<br/>See Deviation/Clarification #16<br/>See Deviation/Clarification #17<br/>(Tab #8 - Deviations Attached)<br/>(Refer to Tab #3)</p> | <p>Air Conditioning System - Front and rear air conditioning system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 90 degrees. Performance evaluation data confirming the specification will be supplied with the proposal. Air Conditioning System will use non-corrosive, positive seal hose system to avoid leakage. Includes winter protection cover for skirt mounted condenser.</p> |
|------|--|--|
- |      |  |   |
|------|--|---|
| 5.13 | <p style="text-align: center;">YES</p> | <p>Defroster fan - mounted on right side of dashboard or above windshield and controlled at driver's console.</p> |
|------|--|---|

5.14 Vehicle Lighting

A	YES	Day-time Running Lights.	
	No See Deviation/Clarification #18 (Tab #8 - Deviation Attached)		
B		Interior Lighting - incandescent; six (6) overhead lights minimum in vehicles up to 25 feet and eight (8) overhead lights in vehicles in excess of 25 feet, controlled by driver. One light will illuminate drivers area.	
C	YES	Passenger and lift doorways will be illuminated according to CFR 49 Part 38.31 and will be illuminated whenever respective door is open.	
D	YES	Engine compartment will be provided with at least one (1) 10 foot-candle light, conveniently located. Interior dome light will illuminate engine accessible from the interior of the bus.	
E	YES	All exterior lights and reflectors to meet Federal Motor Carrier Safety Regulation 393.11. LED lighting package Consisting of: Running Lights, Triple ID Lights, Turn Signals,  Brake Lights (including Center Brake Light), Backup Lights and Tail Lights	Specify Mfg:  Dialight Peterson Hella JW Speaker TruckLite
F	YES	Flashing directional signals, self-canceling, will be provided on the front, side and rear of coach, and must permit continuous flashing of all directional lights for emergency parking, even with the brakes applied.	
G	YES	Center Brake Light	
	No See Deviation/Clarification #19 (Tab #8 - Deviation Attached)		
5.15		Mirrors - exterior mirror heads will be stainless or ABS non-corrosive material, approximately 6" wide by 9.6" high. Mirrors will have breakaway mounts; brackets will be powder-coated or made of stainless steel. Interior rear-view mirror to allow driver to see entire interior of vehicle.	
5.16	N/A to Transit Buses	Fresnel (fish-eye) lens will be provided for the back of the bus to permit the driver to view behind the rear bumper area. Not applicable to rear engine design bus.	
5.17	N/A to Transit Buses	Extra vision window(s) in transition panel between chassis fender and front right side passenger loading area. Not applicable to flat-front design bus.	
5.18	YES	Vertical stanchion and cross rail, with modesty panel, between entry door and front row of seats. Modesty panel not needed if front wheel housing serves the same purpose.	
5.19	YES	Vertical stanchion and cross rail, with modesty panel, behind driver. Modesty panel not needed if front wheel housing serves the same purpose.	
5.20	YES	Handrails - entry assist handrails, both left and right;	
5.21	YES	Grab-handles on aisle seats .	
5.22	YES	Grab rail - will be securely attached to the ceiling the length of the bus except for the wheelchair securement area.	
5.23	YES	Fire Extinguisher - minimum five (5) pound ABC rechargeable, mounted upright near the driver's compartment.	
5.24	YES	First Aid Kit - in a dustproof container, labeled "FIRST AID," will be mounted in easily accessible location. The first aid kit must contain at least the following items: (1) six 4" X 4" sterile gauze pads; (2) two soft roll bandages 3" to 6" by 5 yards; (3) adhesive tape; (4) adhesive bandages; (5) scissors.	
5.25	YES	Three emergency warning triangles will be provided. Both faces of each triangle must consist of red reflective and orange fluorescent material. Each of the three sides of the triangular device must be 17" to 22" long and 2" to 3" wide. Triangles will be provided in a protective container.	
5.26	YES	Backup Alarm will be an electric alarm, activated by reverse transmission setting, with 107 minimum decibels.	
5.27	YES	OEM, or equivalent, AM/FM/CD Digital Clock Radio with 4 speakers mounted in the mounted in the passenger compartment.	
5.28	YES	DESIGNED TO TRANSPORT - The final stage manufacturer will determine the original seating capacity of each vehicle. The manufacturer's certification label will indicate the original seating capacity of the vehicle and will be affixed to the vehicle in a location protected from wear. The label will state the "Original Seating Capacity - Design To Transport" (number of passengers, including driver) and Gross Vehicle Weight Rating (GVWR) of vehicle.	

**6. SERVICE, WARRANTIES AND DELIVERY**

- 6.01           YES           Maintenance and Inspection Schedule - a single comprehensive maintenance and inspection schedule for each type of vehicle for which a proposal is submitted, that incorporates the required maintenance and inspection of body, chassis, tires, wheelchair lift and other equipment and sub-systems, as prescribed by the respective manufacturers. The maintenance and inspections schedule will be supplied with each bus.
  
- 6.02           YES           Quality - body manufacturer must meet chassis manufacturer's quality assurance program, if available. Certification from chassis manufacturer must be submitted with proposal for each chassis.
  
- 6.03           YES           Tires will be covered by O.E.M warranty.
  
- 6.04           YES           Wheelchair lift system will be covered by O.E.M warranty.
  
- 6.05           YES           Bus chassis will be covered by O.E.M. warranty
  
- 6.06           YES           Body structure materials and workmanship will be covered by O.E.M. warranty.
  
- 6.07           YES           Installation, labor and workmanship (including electrical) performed by the body manufacturer, final stage manufacturer or vendor (if vendor installs components or otherwise completes vehicle) will be covered by O.E.M. warranty.
  
- 6.08           YES           All other components and accessory equipment will be covered by a warranty of at least one (1) year/12,000 miles, unless covered by an applicable manufacturer's warranty exceeding this. The contract vendor will assist as needed in coordinating repairs within the warranty period for each component and applicable warranty.
  
- 6.09           YES           The responder will provide a report of all warranties and excluded warranties associated with each vehicle.
  
- 6.10           YES           During established warranty periods, the contract vendor and respective manufacturer will furnish all warranty parts at no cost to the transit system. Replacement costs, parts and assemblies will be made without delay.
  
- 6.11           YES           The contract vendor will provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications. The specifications and applicable motor vehicle regulations inspection(s) must be completed prior to the delivery and acceptance of the vehicle.
  
- 6.12           YES           Prior to releasing the vehicle to the recipient, the contract vendor will provide hands on instructions, by a qualified and experienced employee, in the proper and safe operation of all mechanical, electrical, and hydraulic components in the vehicle. A list of topics is provided in Appendix 12. Towing procedures must be included in the instruction. The recipient's driver/designee will conduct an operational familiarization test drive with the contract vendor's employee.



**Pricing Page**  
**Medium/Heavy Duty Transit Bus**  
**10-YEAR ALTOONA TESTED BUS at a Minimum**  
**Approximately 25' - 60'**  
**2012**

**CONTRACT 40768**

**Vendor** New Flyer of America Inc.  
**Manufacturer** New Flyer of America Inc.  
**Model** XD35 (Xcelsior)

List the various wheelbases available  
 Insert the base price under the various wheelbases

<b>Wheelbase</b>	<b>226.75"</b>				
<b>GVWR</b>	<b>38,210 lbs.</b>				
10.01	12 seats + 2 WC				
10.02	16 seats + 2 WC				
10.03	20 seats + 2 WC				
10.04	24 seats + 2 WC				
10.05	28 seats + 2WC				
Other					
Floor					
Plans					

15.01	DELIVERY/FREIGHT charge from Manufacturer to vendor	Include in base price of vehicle
16.01	One-way delivery cost, <i>per mile</i> , from vendor to recipient's destination (include cost for one hour recipient orientation)	\$1.84
17.01	Delivery time frame(days) after receipt of Purchase Order	364

**Manufacturer's Government Price Concession (GPC)**

List the GPC for State of Minnesota

	Model	<u>N/A</u>	Amount		<u>N/A</u>
	Model	<u>N/A</u>	Amount		<u>N/A</u>

Does the GPC vary by ordering state? Yes  No

If the answer is yes, the State must be notified of the GPC for the state ordering the vehicle, by model number.

The base price of the unit ordered may require a price adjustment -- up or down -- depending on the revised GPC for the ordering state government.

Estimated number of units to be ordered 0

Minimum 1

Maximum 660

**Pricing Page**  
**Heavy Duty Transit Bus**  
**12-YEAR ALTOONA TESTED BUS at a Minimum**  
**Approximately 25' - 60'**  
**2012**

**CONTRACT 48763**

**Vendor** New Flyer of America Inc.  
**Manufacturer** New Flyer of America Inc.  
**Model** XD40 (Xcelsior)

List the various wheelbases available  
 Insert the base price under the various wheelbases

<b>Wheelbase</b>	283.75"				
<b>GVWR</b>	40,260 lbs.				
10.01	12 seats + 2 WC				
10.02	16 seats + 2 WC				
10.03	20 seats + 2 WC				
10.04	24 seats + 2 WC				
10.05	28 seats + 2WC				
<b>Other</b>					
Floor Plans					

15.01	DELIVERY/FREIGHT charge from Manufacturer to vendor	Include in base price of vehicle
16.01	One-way delivery cost, <i>per mile</i> , from vendor to recipient's destination (include cost for one hour recipient orientation)	\$1.84
17.01	Delivery time frame(days) after receipt of Purchase Order	365

**Manufacturer's Government Price Concession (GPC)**

List the GPC for State of Minnesota

Model	<u>N/A</u>	Amount	<u>N/A</u>
Model	<u>N/A</u>	Amount	<u>N/A</u>

Does the GPC vary by ordering state? Yes \_\_\_ No X

If the answer is yes, the State must be notified of the GPC for the state ordering the vehicle, by model number.

The base price of the unit ordered may require a price adjustment -- up or down -- depending on the revised GPC for the ordering state government.

Estimated number of units to be ordered 3

Minimum 1

Maximum 650

**OPTIONAL EQUIPMENT AND CONFIGURATIONS TO BE INCLUDED WITH  
2012 PROCUREMENT SPECIFICATIONS FOR ACCESSIBLE  
MEDIUM DUTY AND HEAVY DUTY TRANSIT BUSES**

Red - Changes for 2012

Instructions to Proposers: The proposer will offer a separate price for each of the following optional equipment items. Indicate "STD" if the option indicated is a standard feature, or "NC" if the option is not standard but is available at no additional cost. Indicate "N/A" if the option is not available. "TBD" (To Be Determined) or 'quote' is not allowed to be used in pricing. If an option would result in a price deduct or a credit to the standard price, the proposer is to indicate the dollar amount in parentheses () and mark "deduct" next to the price. Indicate any limitations, conditions or exceptions. Options that create limitations to warranties must be so noted.

It is understood that the availability of some options may be limited by the combination of size, weight, seating and other options selected for each vehicle. The availability of some chassis options as add-on options may be limited.

All prices shall reflect cost difference of proposed item.

**Chassis Options**

1	Diesel engine Manufacturer Model Displacement H.P. Rating Torque Rating Transmission Compatible In lieu of proposed engine price	<table border="0"> <tr><td>Cummins</td><td>_____</td></tr> <tr><td>ISL 280</td><td>_____</td></tr> <tr><td>845 cu. in.</td><td>_____</td></tr> <tr><td>280</td><td>_____</td></tr> <tr><td>900 lb - ft</td><td>_____</td></tr> <tr><td>All</td><td>_____</td></tr> </table>	Cummins	_____	ISL 280	_____	845 cu. in.	_____	280	_____	900 lb - ft	_____	All	_____	<table border="0"> <tr><td>STD</td></tr> <tr><td>_____</td></tr> </table>	STD	_____								
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2	Gas engine Option Manufacturer Model Displacement H.P. Rating Torque Rating Transmission Compatible Inclusions In lieu of proposed engine price	<table border="0"> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> <tr><td>N/A</td><td>_____</td></tr> </table>	N/A	_____	N/A	_____	N/A	_____	N/A	_____	N/A	_____	N/A	_____	N/A	_____	N/A	_____	N/A	_____	<table border="0"> <tr><td>List: _____</td></tr> </table>	List: _____	<table border="0"> <tr><td>STD</td></tr> <tr><td>_____</td></tr> </table>	STD	_____
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CNG engine Option			
Manufacturer	Cummins		
Model	ISL G 280		
Displacement	843 cu. in.		
H.P. Rating	280		
Torque Rating	988 lb - ft		
Transmission Compatible	All		
Inclusions	Cummins ISLG 280HP with Exhaust After Treatment		See Item #2B Below
In lieu of proposed engine price			STD
A. Delete Fast Idle		(Deduct)	STD
B. Electric Cooling for Diesel Engine	Specify ENP (Engineered Machine Products)		\$8,625.00
C. Add/Delete Fuel Tanks for CNG Option	Specify Capacity 3296 SCF/Tank x 4 Tanks		\$20,836.00
	Specify Capacity		
3 Hybrid Propulsion System	Specify Allison EV40 (ISB 280HP) NOTE: UPCHARGE FROM DIESEL PRICING QUOTED		\$213,782.00
	Specify Allison EV40 (ISL 280HP) NOTE: UPCHARGE FROM DIESEL PRICING QUOTED		\$236,729.00
	Specify BAE HybriDrive NOTE: UPCHARGE FROM DIESEL PRICING QUOTED		\$166,672.00
4 Fuel System Options			
A. In-line Fuel Heater			\$201.00
Manufacturer	Fuel Pro		
Model	382		
B. Fuel Tank Access Plate			STD
5 Automatic Transmission (in lieu of proposed transmission)			
A. Manufacturer/Model	Voith D864.5		\$1,687.00
B. Manufacturer/Model	ZF EcoWe		\$1,037.00
C. Transmission temperature gauge			\$79.00
6 Optional Suspension			
A. Variable Rate Air-ride suspension			
a. Front			
Manufacturer	N/A		
Model	N/A		
Rating	N/A		
Price w/hydraulic brakes			N/A
Price w/air brakes			N/A
b. Rear			
Manufacturer	N/A		
Model	N/A		
Rating	N/A		
Price w/hydraulic brakes			N/A
Price w/air brakes			N/A
B. Other (e.g., Mor-Ryde, etc.)	Specify: Knorr Disc Brakes		STD
C. Air Dryer	Specify: Bendix AD IP Tandem		\$18.00
	Specify: Graham White QBA 18NXB		\$300.00
7 Brakes (in lieu of standard)			
A. Hydraulic			N/A
Manufacturer	N/A		
Model	N/A		
Size of front/rear	N/A		
B. Air			N/A
Manufacturer	N/A		
Model	N/A		
Size of front/rear	N/A		
C. Air Dryer	Specify: Bendix AD IP Tandem		\$18.00
	Specify: Graham White QBA 18NXB		\$300.00

<b>8 Tires and Wheels</b>		
A. Tire pressure monitoring system (monitors tire pressure for rear duals and has a singlearriving point that fills both tires at the same time. Specify: <u>Smartire</u>		<u>\$2,700.00</u>
	Specify: <u>Cata Eye</u>	<u>\$281.00</u>
B. Extended valve stems on rear wheels		<u>STD</u>
C. Spare tire and rim to match other wheels provided		<u>\$843.00</u>
Delete if Standard	(Deduct)	<u>N/A</u>
1. Rim painted white		<u>STD</u>
a. Outside		<u>STD</u>
b. Both Sides		<u>STD</u>
2. Stainless Steel Wheel Inserts	Specify: <u>SST Hubcaps quoted here</u>	<u>\$637.00</u>
D. Optional Wheels	Specify <u>Alcoa Machine Finish</u>	<u>\$1,490.00</u>
	Specify <u>Alcoa Durabright Finish</u>	<u>\$2,888.00</u>
	Specify: <u>Alcoa Polished Finish</u>	<u>\$2,034.00</u>
<b>9 A. Coolant Heaters (e.g. Webasto, Espar, etc.)</b>		
Heaters must exhaust in compliance with FMCSR 393.63	Specify Mfg	<u>Spheroc 300</u> <u>\$113.00</u>
Timer		NOTE: Spheroc 230 quoted in base bus.
	Specify Mfg	<u>Proheat M66</u> <u>\$288.00</u>
Timer		NOTE: Spheroc 230 quoted in base bus.
	Specify Mfg	<u>Spheroc NGW (CNG buses only)</u> <u>\$2,824.00</u>
Timer		NOTE: Spheroc 230 quoted in base bus.
B. Coolant Auxiliary Circulating Pump	Specify Mfg	<u>Ametek</u> <u>STD</u>
<b>10 Braking Help Options</b>		
A. Driveline retarder (e.g. Telma, etc.)	Specify <u>Part of Transmission</u>	<u>STD</u>
	Specify <u>N/A</u>	<u>N/A</u>
B. Brake Assist systems (e.g. Brakenght, etc.)	Specify <u>N/A</u>	<u>N/A</u>
	Specify <u>N/A</u>	<u>N/A</u>
<b>Electrical Options</b>		
11 Battery box w/sliding tray capable of supporting two (2) batteries.		<u>N/A</u>
A. Battery box w/stainless sliding tray capable of supporting two (2) batteries.		<u>STD</u>
12 Alternator(s) - In lieu of standard	Specify Amps: <u>Neilhoff C703A 360amp</u>	<u>\$764.00</u>
	Specify Amps: <u>Neilhoff C803D 860amp</u>	<u>\$1,998.00</u>
	Specify Amps: <u>EMP Power 450 450amp</u>	<u>\$1,180.00</u>
A. Multiplexing system	Specify Mfg <u>Vaneco (VMM)</u>	<u>STD</u>
	Specify Mfg <u>N/A</u>	<u>N/A</u>
B. 24 volt electrical system	Specify <u>New Flyer</u>	<u>STD</u>
	Specify <u>N/A</u>	<u>N/A</u>

**Body Options**

13	Stainless Steel (304) chassis Fully-welded stainless-steel structure		N/A
14	Conspicuity markings with reflective tape 2" wide - location determined by transit system		
A.	One stripe up to 10 feet long		N/A
B.	One stripe up to 25 feet long		N/A
C.	Rear Perimeter		N/A
D.	Other options	Specify: <u>N/A</u>	N/A
15	Standard Manufacturer Striping Package		\$ <u>\$619.00</u>
16	Graphics		
A.	Apply Logo - logo to be supplied by purchaser	Price per location	\$ <u>\$10.00</u>
B.	Lettering (per character)		
a.	Three - inch height		\$ <u>\$4.00</u>
b.	Four - inch height		\$ <u>\$4.00</u>
c.	Five - inch height		\$ <u>\$4.00</u>
17	Floor Options		
A.	Flat floor extending to passenger boarding area or sloped to eliminate additional step		STD
B.	Alternative floor covering that meets FMVSS 302 and ADA requirements for slip resistance. A 2 inch wide band of contrasting color on step edges and aisle threshold directly behind driver required	List Manufacturer - <u>Altro</u> <u>TaraBus</u>	<u>\$682.00</u> <u>\$364.00</u>
C.	Non-standard floor covering colors	List Color <u>N/A</u> List Color <u>N/A</u> List Color <u>N/A</u>	<u>N/A</u> <u>N/A</u> <u>N/A</u>
D.	Galvanized steel, aluminum, or approved equal 0.20" minimum underbody between the plywood and subfloor structure	Specify <u>N/A</u>	N/A
E.	Alternate subflooring that meets or exceeds the standard detailed spec 4.12	Specify <u>Composite Flooring - Spec Age Synthetics</u>	<u>\$3,029.00</u>
18	Optional Body Skin material	Specify <u>N/A</u>	N/A
19	Optional Exterior Styling (12-year buses only)	Specify <u>N/A</u>	N/A
20	A. Romeo Rim "help" bumper - provide specifications		
a.	Front		STD
b.	Rear		STD
B.	Other Bumper - provide specifications		N/A
21	Antenna ground plane, minimum 18 inch square or 18 inch diameter for UHF, 40 inch for VHF X 1/16th inch thick steel plate, attached to roof of body. Customer will supply antenna.	18" 40"	STD <u>\$61.00</u>
A.	Conduit for additional wiring - large enough to hold coaxial cable.		STD
B.	Metal mounting plate for 2-way radio - location to be specified		STD

22	Roof ventilation/escape hatch		<u>STD</u>
	Specify make & model	<u>N/A</u>	<u>N/A</u>
	Specify make & model	<u>N/A</u>	<u>N/A</u>
23	Passenger Entrance		
	A. Manual passenger door with lock or latch to prevent accidental opening and to prevent entrance from the exterior when the door is closed and latched	(Deduct)	<u>N/A</u>
	B. Easy access door above passenger door for maintenance of powered door		<u>STD</u>
	C. Push button switch for door light, mounted above passenger door NOTE: Multiplex controlled, not manual.		<u>STD</u>
	D. Exterior key entry		<u>N/A</u>
	E. Stepwell Material Option		
	Stainless Steel		<u>N/A</u>
	Composite		<u>N/A</u>
24	Passenger door with a minimum of a 36" wide opening	Specify width:	
		<u>Front - N/A</u>	<u>N/A</u>
		<u>Rear - 44"</u>	<u>\$83.00</u>
25	Passenger door with 30" or less opening if deduct, put \$ amount in parentheses()		<u>N/A</u>
26	Emergency Door - Rear emergency exit door, with window, designated "Emergency Door" or "Emergency Exit," permanently affixed in a manner that will not loosen in normal vehicle operation. Emergency doors must also be identified by a red light. Emergency door latch must have an exterior lock, but can be opened at all times from the interior. Windows to be installed on both sides of rear emergency exit door.		<u>N/A</u>
27	Lift Entrance Door		
	A. Vertically hinged, horizontal swing-out single door, with window, in lieu of double doors.	Deduct	<u>N/A</u>
	B. Delete on low floor vehicles where ramp is incorporated in passenger door opening	Deduct	<u>(\$1,419.00)</u>
	C. Other Lift Entrance Doors	Specify <u>N/A</u>	<u>N/A</u>

**Seating Options**

**ALL OPTIONAL SEATING OFFERED MUST BE LISTED AT THE FULL PRICE TO THE CUSTOMER SO STANDARD SEATING PRICES CAN BE DEDUCTED AND REPLACED WITH THE OPTION SEAT PRICE.**

Optional seating and securements must meet all applicable requirements of ADA, state and federal rules, and must not in any case reduce the clear aisle width to less than 18" (except as permitted in specification 1.06). All passenger seats must meet the flammability requirements specified for standard seating.

28	Driver's seat in lieu of standard, if available and consistent with warranties to be provided. Vehicle must meet flammability standard specified.		
	A. Air ride seat	Specify <u>See D Below</u>	<u>N/A</u>
	B. Mechanical suspension seat	Specify <u>See D Below</u>	<u>N/A</u>
	C. Power Seat	Specify <u>See D Below</u>	<u>N/A</u>
	D. Other	Specify <u>US5C 9100ALX (2 Point Belt)</u>	<u>\$258.00</u>
		<u>US5C 9100ALX (3 Point Belt)</u>	<u>\$384.00</u>

29	Floor mounted/forward facing flip seat w/non-retracting seat belt				
	A. Single flip seat				N/A
	a. Notchback (Split back) Style				N/A
	b. 3 - point restraint seat				N/A
	B. Double flip seat				N/A
	a. Notchback (Split back) Style				N/A
	b. 3 - point restraint seat				N/A
30	Forward facing foldaway seat w/non-retracting seat belt				
	A. Single foldaway seat				N/A
	a. Notchback (Split back) Style				N/A
	b. 3 - point restraint seat				N/A
	B. Double foldaway seat				N/A
	a. Notchback (Split back) Style				N/A
	b. With aisle support leg	Specify Mfg	N/A		N/A
	c. 3 - point restraint seat				N/A
	C. Wheel well adapter				N/A
	D. Foldaway seat cover - stored position				N/A
31	Additional passenger seats including specified seat belts. (Item 5.06)				
	A. Single Passenger Seat - Add or Deduct - If deduct, put amount in parenthesis ()	Specify Mfg	N/A		N/A
	a. 3-point restraint seat	Specify Mfg	N/A		N/A
			N/A		N/A
	B. Double Passenger Seat - Add or Deduct - If deduct, put amount in parenthesis ()	Specify Mfg	N/A		N/A
	a. 3-point restraint seat	Specify Mfg	N/A		N/A
			N/A		N/A
	C. Integrated Child Restraint Seat - w/non-retracting seat belts - to match other passenger seats				
	a. Single Passenger Child Restraint Seat		N/A		N/A
	b. Double Passenger Child Restraint Seat w/one child seat		N/A		N/A
	c. Double Passenger Child Restraint Seat w/two child seats		N/A		N/A
	D. Pillowtop Cushion Seat (not available on flip or folding seats)			Per Seat	N/A
	Specify pedestal height		N/A		
	E. Optional Passenger Seat Anchorage	Specify	N/A	(Deduct) if Less	N/A
		Specify	N/A	(Deduct) if Less	N/A



<b>32 Passenger seat material</b>			
A.	Vinyl in lieu of cloth, meeting specified flammability standards (per seat)		<u>N/A</u>
		(Passenger Seats Only)	
B.	Vertical Stitch - Vinyl or Cloth	<u>N/A</u>	<u>N/A</u>
C.	Level of seat material above standard	<u>Driver</u>	<u>Passenger</u>
	Level 2	<u>N/A</u>	<u>N/A</u>
	Level 3	<u>N/A</u>	<u>N/A</u>
	Level 4	<u>N/A</u>	<u>N/A</u>
	Level 5	<u>N/A</u>	<u>N/A</u>
	Level 6	<u>N/A</u>	<u>N/A</u>
	Level 7	<u>N/A</u>	<u>N/A</u>
D.	Seat materials meeting Docket 90A	<u>Yes</u>	<u>\$1,088.00</u>
	NOTE: Price to change all 24 passenger seats from FMVSS 302 to Docket 90A compliant.		
	All materials used in the construction of the seat cushion, frame, shroud and upholstery will meet or exceed the flammability and smoke emission performance criteria as described in Appendix VII, Federal Register, Vol. 58, No. 201, Wednesday, October 20, 1993, Part IX "Recommended Fire Safety Practices for Transit Bus and Van Materials Selection, Notice" in Table 1, as footnoted, on pages 54253 and 54254.		
		Foam	<u>Yes</u>
		Upholstery	<u>Yes</u>
E.	Moisture Barrier	per seat	<u>\$10.00</u>
F.	Seat arm rest		<u>N/A</u>
<b>33</b>			
A.	Additional wheelchair mounts including securements.		<u>N/A</u>
B.	Other Wheelchair Securement Applications	Specify <u>N/A</u>	<u>N/A</u>
		Specify <u>N/A</u>	<u>N/A</u>
		Specify <u>N/A</u>	<u>N/A</u>
34	Seat belt extenders (per each)		<u>N/A</u>
35	Seat belts in lieu of standard (per seat)		<u>N/A</u>
		if deduct 0	
A.	Non-Retracting	Specify <u>N/A</u>	<u>N/A</u>
B.	Retracting	Specify <u>N/A</u>	<u>N/A</u>
C.	Delete Passenger Seat Belts - This option not available to 5310/5311/5318/5317 programs (Deduct)		<u>N/A</u>
36	Seat belt retaining device		<u>N/A</u>
<b>Lift and Securement Devices</b>			
<b>37 Lifts, other than standard, to meet minimum specifications</b>			
A.	Manufacturer/ Model/Platform Size	<u>N/A /</u>	<u>N/A</u>
	Manufacturer/ Model/Platform Size	<u>N/A /</u>	<u>N/A</u>
	Manufacturer/ Model/Platform Size	<u>N/A /</u>	<u>N/A</u>
	Manufacturer/ Model/Platform Size	<u>N/A /</u>	<u>N/A</u>
B.	Lift Covers		<u>N/A</u>
C.	Ramp in lieu of lift on low floor vehicles		<u>STD</u>
<b>38 Retractable wheelchair securements in lieu of standard</b>			
	Specify	<u>N/A</u> if deduct 0	<u>N/A</u>
	Specify	<u>N/A</u> if deduct 0	<u>N/A</u>
	Specify	<u>N/A</u> if deduct 0	<u>N/A</u>

A.	Retractable Occupant shoulder belt with wheelchair securements				
B.	Shoulder Height Adjuster with wheelchair securements				N/A
					N/A
		Vertical L-Track on Wall for Adjustment			N/A
		Horizontal L-Track on Wall for Adjustment			N/A
C.	Storage pouches for wheelchair securements				N/A
D.	Other securement Storage (TDSS, Rack, etc.)	Specify	N/A		N/A
		Specify	N/A		N/A
E.	Additional Track				N/A
39	Non-Retractable securement tie-down device in lieu of standard				
A.	Manufacturer/ Model	N/A		If deduct ()	N/A
B.	Manufacturer/ Model	N/A		If deduct ()	N/A
C.	Additional Track				N/A
40	Fully automatic lift interlock system with self-diagnostic capability	Specify:	N/A		N/A
<b>Stanchions and Handrails</b>					
41	Driver stanchion options				
A.	Delete lower modesty panel, attached to crossbar and stanchion	(Deduct)			N/A
B.	Driver's partition - upper Plexiglas panel behind driver				N/A
42	Grab rail options				
A.	Additional ceiling grab rail extending the length of the bus				STD
B.	Other than standard entrance and ceiling grab rails	Specify	RH Luggage Rack Rails w/extension		\$14.00
C.	Standee loops attached to ceiling grab rails		NOTE: Nylon/Per Standee Strap		\$32.00
D.	Horizontal wall grab rail at wheelchair position				\$133.00
E.	Grab Handles on wall seats				N/A
43	A Vertical stanchion and cross rail, with modesty panel, between lift door and front row of seats, when vehicle has a front lift.				N/A
	B Stanchion and crossrail between wheelchair position and first row of seats to meet same securement requirements as specified behind driver's seat (5.20)				STD
<b>Heating, Ventilation, Air Conditioning</b>					
44	Air Conditioning				
A.	Air Conditioning in lieu of 5.12	BTUs	Manufacturer		N/A
		N/A	N/A		N/A
		N/A	N/A		N/A
	Alternator required: if different from standard	N/A			
B.	Roof mounted condenser in lieu of skirt mounted per 5.12				N/A
	Additional exterior height added to bus:	12	inches		
C.	Delete standard air conditioning			Deduct	(\$11,073.00)

45	Defroster Fan - Add or Delete		If deduct ()	<u>STD</u>
46	Rear Heater(s) - fused and switched separately			
	A. Additional heater(s) Specify:			<u>N/A</u>
	BTU	<u>N/A</u>		
	Manufacturer	<u>N/A</u>		
	Model	<u>N/A</u>		
	B. Additional heater(s) Specify:			<u>N/A</u>
	BTU	<u>N/A</u>		
	Manufacturer	<u>N/A</u>		
	Model	<u>N/A</u>		
	C. Additional heater(s) Specify:			<u>N/A</u>
	BTU	<u>N/A</u>		
	Manufacturer	<u>N/A</u>		
	Model	<u>N/A</u>		
	D. Heat Coil in AC			<u>STD</u>
	E. Delete standard heater listed in 5.11.			<u>N/A</u>
	F. Insulate coolant lines to rear heaters.			<u>STD</u>
<b>Lights</b>				
47	Delete Day-time running lights		(Deduct)	<u>N/A</u>
48	Optional Exterior Head Lamps (12-year buses only)			
	A. Xenon			<u>N/A</u>
	B. LED			<u>STD</u>
49	Delete LED lighting package Consisting of: Running Lights, Triple ID Lights, Turn Signals, Brake Lights, Backup Lights and Tail Lights		(Deduct)	<u>N/A</u>
50	Optional Interior Lighting			
	A. LED Light Lights	Specify Mfg	<u>Pretoria LED</u>	<u>\$1,418.00</u>
	B. Fluorescent type Lighting - Full Length	Specify Mfg	<u>N/A</u>	<u>N/A</u>
		Specify Mfg	<u>N/A</u>	<u>N/A</u>
<b>Storage Options</b>				
51	All compartment locks keyed the same			<u>N/C</u>
52	Locks for storage compartments as specified (per compartment)			<u>\$39.00</u>
53	Additional Storage			
	Specify size and location	<u>New Flyer 334031 (Driver's Locker)</u>		<u>\$168.00</u>
	Specify size and location	<u>New Flyer 340364 (Curbside Equipment Box)</u>		<u>\$298.00</u>

**Radio**

54	AM/FM/PA/CD digital radio in lieu of standard				<u>\$444.00</u>
55	AM/FM/PA Digital radio in lieu of standard				<u>\$183.00</u>
56	PA system	Specify Mfg	REI	If Deduct ()	<u>N/A</u>
	A. External Speaker System				<u>STD</u>
57	Delete Spec. 5.27 AM/FM/Cassette Digital radio and speakers			If Deduct ()	<u>(\$434.00)</u>
58	AM/FM Digital radio - No Cassette - in lieu of standard			If Deduct ()	<u>N/A</u>

**Accessory Options**

59	Body fluid Clean-up kit				<u>\$38.00</u>
60	Additional STS equipment - including body fluid clean-up kit, ice scraper, adult blanket, flashlight and "NO SMOKING" sign, in addition to equipment specified standard to vehicle. Each item is intended to meet or exceed the applicable requirements of Minnesota Rules Chapter 8840				<u>N/A</u>

**Service, Warranty and Delivery Options**

61	Shop service manuals and diagrams. Shop manuals may be deliverable separately from vehicle if not yet published at time of vehicle completion.				
	A. Chassis				<u>inc. in B Below</u>
	a. Book				<u>inc. in B Below</u>
	b. CD				
	B. Body	Specify Mfg	NF Parts & Service Manuals		<u>\$320.00</u>
	C. Engine only	Specify Mfg	Cummins ISL (Diesel) Man. Set		<u>\$984.00</u>
	D. Individual, customized wiring diagrams, including coding		Chassis		<u>N/A</u>
			Body		<u>\$118.00</u>
	E. Other	Specify	New Flyer Operator's Guide		<u>\$58.00</u>
62	OEM/Aftermarket Extended Warranty				
		Specify Component	Miles	Years	
	A. Engine (Cummins ISL 280HP)		300,000	2 Base + 3 Extended	<u>\$6,831.00</u>
	B. Transmission (Allison B400R)		300,000	2 Base + 3 Extended	<u>\$3,002.00</u>
	C. HVAC (Thermo King RLF)		Unlimited	2 Base + 1 Extended	<u>\$1,821.00</u>
	D. Aides (MAN)		300,000	2 Base + 3 Extended	<u>N/C</u>

NOTE: Other optional warranty costs are included in our proposal. Refer to Section #2, Tab #10.

**Other**

63	Mirrors				
	A. Exterior mirrors, remote controlled, with replaceable motor				<u>STD</u>
	B. Heated external mirrors				<u>STD</u>
	C. Combined heated and remote controlled mirrors				<u>STD</u>
	D. Front crossover mirrors				<u>N/A</u>
	E. Delete interior mirror per spec. 5.15			Deduct	<u>N/A</u>
	F. Other				
	a. Interior (eg. BDS)	Specify	N/A		<u>N/A</u>
	b. Exterior (eg. BDS)	Specify	N/A		<u>N/A</u>

64	Windows			
	A. Thermopane Windows			<u>N/A</u>
	B. Windows not designed to be opened (may be opened solely as an 'Emergency Exit')			<u>N/A</u>
	C. Extra large windows (per vehicle)	Specify	<u>N/A</u>	<u>STD</u>
	D. Flushed Windows (12-year transit buses only)			<u>\$6,215.00</u>
65	Delete Fresnel (fish-eye) lens on rear window			<u>N/A</u>
			Deduct	
66	Windshield wipers			
	A. Winter blades			<u>N/A</u>
	B. Heated wiper blades			<u>N/A</u>
67	Rear Collision Avoidance System	Specify	<u>TransMark Sound-Off Back-up Alarm System</u>	<u>\$865.00</u>
		Specify	<u>N/A</u>	<u>N/A</u>
68	Heavy-duty step-well heater			
	A. Engine Coolant			<u>N/A</u>
	B. Electric			<u>N/A</u>
	C. Other		<u>Deflected heat from Driver's defroster</u>	<u>STD</u>
69	Master power switch to completely shut off all power to body accessories			<u>STD</u>
70	Fire Suppression System	Specify	<u>Kidde (Fire Suppression Only)</u>	<u>\$5,196.00</u>
		Specify	<u>Amerex (Fire Suppression Only)</u>	<u>\$4,576.00</u>
71	Seasonal options in addition to features specified			
	A. Cold weather front cover			<u>N/A</u>
	B. Bug screen			<u>N/A</u>
72	Interior sidewall / ceiling covering - carpet/cloth			
	A. From floor to lower window edge			<u>\$2,169.00</u>
	B. From floor to ceiling			<u>N/A</u>
	C. Entire ceiling			<u>N/A</u>
	D. Center 1/3rd of ceiling			<u>N/A</u>
73	Underbody Insulation	Specify	<u>N/A</u>	<u>N/A</u>
74	ADA Stop Request			
	A. Pull Cord Chimes System	Specify	<u>Yellow Pull Cords</u>	<u>STD</u>
	B. Touch Pad/Tape System	Specify	<u>See 363872</u>	<u>\$45.00</u>

75	Destination Sign			Side	Front
A.	Manual	Specify	N/A	N/A	N/A
B.	Electronic	Specify	TwinVision (Amber)	N/A	(\$537.00)
		Specify	NOTE: Cost to switch front and side sign base offering to: TwinVision (Color)	N/A	\$8,136.00
		Specify	NOTE: Cost to switch front and side sign base offering to: Luminator (Color)	N/A	\$6,118.00
C.	Electric	Specify	NOTE: Cost to switch front and side sign base offering to: N/A	\$	N/A
76	Bus camera system	Specify	Safety Vision (7 Camera System)		\$12,107.00
		Specify	Mobileview (Kalatel) (7 Camera System)		\$11,748.00
		Specify	Seon (7 Camera System)		\$6,878.00
77	AVL (Automatic Vehicle Location) System	Specify	N/A		\$6,671.00
		Specify	N/A		N/A
		Specify	N/A		N/A
78	Fare Boxes				
A.	Main M4 & 1 vault w/pole				N/A
B.	Additional vaults for Main M4				N/A
C.	Main Treasury & 1 vault w/pole				N/A
D.	Additional vault for Main Treasury				N/A
E.	Main metal donation box	Specify	N/A		N/A
	Main metal donation box w/pole	Specify	N/A		N/A
F.	Diamond D & 1 vault w/pole				\$1,469.00
G.	Additional Vaults for Diamond D				\$684.00
H.	Diamond XV & 1 vault w/pole				\$1,226.00
I.	Additional vaults for Diamond XV				\$460.00
J.	Above fare box coded to purchaser's existing keys				\$146.00
K.	Pre-wire for Electronic Fare box				STD
L.	Pole only for Fare box				\$234.00
M.	Pre-wire for Smart Card Reader - Purchaser will supply necessary information.				N/A
N.	Other	Specify	Diamond Metal Donation Boxes		\$204.00
		Specify	Diamond XV w/ 2 vaults & floor stand		\$1,436.00
		Specify	GFI Genfare Faremaker F48 w/ rail mounting bracket		\$1,367.00
		Specify	GFI Farebox - optional stanchion for floor mount		\$268.00
		Specify	GFI Farebox - optional swan out unit		\$972.00
		Specify	GFI Farebox - GenFare Odyssey Electronic Revenue		\$19,912.00
		Specify	GFI Farebox - optional smart card reader		\$1,626.00
		Specify	GFI Farebox - optional swan out cash box		\$927.00
		Specify	GFI Farebox - GenFare GENBalkin Electronic Reap		\$9,073.00
		Specify	GFI Farebox - optional magnetic card reader		\$1,110.00
		Specify	GFI Farebox - optional ticket processing unit (TRIM)		\$4,286.00
		Specify	GFI Farebox - optional smart card reader		\$1,626.00
		Specify	GFI Farebox - optional remote keypad and display		\$2,188.00
		Specify	GFI Farebox - optional swan out cash box		\$927.00
79	Workshop/seminar on operation of vehicle features and preventive maintenance specific to the vehicle(s) offered in this proposal (one vehicle per class) for approximately 15 people (not including meeting facility). To include instructional video.				N/C
80	Bike Racks	Specify	Sportworks		\$1,348.00
		Specify	Byk Rack		\$1,008.00
		Specify	N/A		N/A
81	Anti-Spray Skirting - Rear of Vehicle				STD
82	Telescoping steering column				STD
83	Special option for systems not regulated by FTA or ADA				
A.	Delete Wheelchair lift and IR entrance			Deduct ()	N/A
B.	Delete Wheelchair securements			Deduct ()	N/A

**Multifunction School Activity Bus Options**

84 Bus to meet all school bus FMVSS's with the exception of FMVSS 108 & 131

85 Seat Options

School

N/A

Child Restraint

N/A

Freedmen Activity or Equivalent

N/A

**OPTIONAL EQUIPMENT AND CONFIGURATIONS TO BE INCLUDED WITH  
2012 PROCUREMENT SPECIFICATIONS FOR ACCESSIBLE  
MEDIUM DUTY AND HEAVY DUTY TRANSIT BUSES**

Red - Changes for 2012

Instructions to Proposers: The proposer will offer a separate price for each of the following optional equipment items. Indicate "STD" if the option indicated is a standard feature, or "NC" if the option is not standard but is available at no additional cost. Indicate "N/A" if the option is not available. "TBD" (To Be Determined) or 'quote' is not allowed to be used in pricing. If an option would result in a price deduct or a credit to the standard price, the proposer is to indicate the dollar amount in parentheses () and mark "deduct" next to the price. Indicate any limitations, conditions or exceptions. Options that create limitations to warranties must be so noted.

It is understood that the availability of some options may be limited by the combination of size, weight, seating and other options selected for each vehicle. The availability of some chassis options as add-on options may be limited.

**All prices shall reflect cost difference of proposed item.**

**Chassis Options**

1	Diesel engine Manufacturer Model Displacement H.P. Rating Torque Rating Transmission Compatible In lieu of proposed engine price	<u>Cummins</u> <u>ISL 260</u> <u>643 cu. in.</u> <u>290</u> <u>900 lb - ft</u> <u>All</u>	<hr/> STD
	Diesel engine Manufacturer Model Displacement H.P. Rating Torque Rating Transmission Compatible In lieu of proposed engine price	<u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u>	<hr/> STD
	Diesel engine Manufacturer Model Displacement H.P. Rating Torque Rating Transmission Compatible In lieu of proposed engine price	<u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u>	<hr/> STD
2	Gas engine Option Manufacturer Model Displacement H.P. Rating Torque Rating Transmission Compatible Inclusions In lieu of proposed engine price	<u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> <u>N/A</u> List <u>N/A</u>	<hr/> STD



CNG engine Option			
Manufacturer	Cummins		
Model	ISL G 280		
Displacement	643 cu. in.		
H.P. Rating	280		
Torque Rating	900 lb - ft		
Transmission Compatible	All		
Inclusions	Cummins ISLG 280HP with Exhaust After Treatment		See Item #2B Below
In lieu of proposed engine price			
A. Delete Fast Idle		(Deduct)	STD
B. Electric Cooling for Diesel Engine	Specify	EMP (Engineered Machine Products)	\$8,625.00
C. Add/Delete Fuel Tanks for CNG Option	Specify Capacity	3295 SCF/Tank x 6 Tanks	\$38,475.00
	Specify Capacity		
3 Hybrid Propulsion System	Specify	Allison EV40 (ISB 280HP) NOTE: UPCHARGE FROM DIESEL PRICING QUOTED	\$217,879.00
	Specify	Allison EV40 (ISL 280HP) NOTE: UPCHARGE FROM DIESEL PRICING QUOTED	\$240,928.00
	Specify	BAE HybridDrive NOTE: UPCHARGE FROM DIESEL PRICING QUOTED	\$195,672.00
4 Fuel System Options			
A. In-line Fuel Heater			\$201.00
Manufacturer	Fuel Pro		
Model	382		
B. Fuel Tank Access Plate			STD
5 Automatic Transmission ( In lieu of proposed transmission)			
A. Manufacturer/Model	Voith D864.6		\$1,687.00
B. Manufacturer/Model	ZF Ecolife		\$1,037.00
C. Transmission temperature gauge			\$79.00
6 Optional Suspension			
A. Variable Rate Air-ride suspension			
a. Front			
Manufacturer	N/A		
Model	N/A		
Rating	N/A		
Price w/hydraulic brakes			N/A
Price w/air brakes			N/A
b. Rear			
Manufacturer	N/A		
Model	N/A		
Rating	N/A		
Price w/hydraulic brakes			N/A
Price w/air brakes			N/A
B. Other (e.g. Mor-Ryde, etc.)	Specify:	Knorr Disc Brakes	STD
C. Air Dryer	Specify:	Bendix AD IP Tandem	\$18.00
	Specify:	Graham White QBA 18NX5	\$300.00
7 Brakes (in lieu of standard)			
A. Hydraulic			N/A
Manufacturer	N/A		
Model	N/A		
Size of front/rear	N/A		
B. Air			N/A
Manufacturer	N/A		
Model	N/A		
Size of front/rear	N/A		
C. Air Dryer	Specify:	Bendix AD IP Tandem	\$18.00
	Specify:	Graham White QBA 18NX5	\$300.00

<b>8 Tires and Wheels</b>			
A.	Tire pressure monitoring system (monitors tire pressure for rear duals and has a single air line that fills both tires at the same time. Specify: <u>Smartire</u>		<u>\$2,700.00</u>
	Specify: <u>Cats Eye</u>		<u>\$281.00</u>
B.	Extended valve stems on rear wheels		<u>STD</u>
C.	Spare tire and rim to match other wheels provided		<u>\$843.00</u>
	Delete If Standard	(Deduct)	<u>N/A</u>
1.	Rim painted white		<u>STD</u>
a.	Outside		<u>STD</u>
b.	Both Sides		<u>\$837.00</u>
2.	Stainless Steel Wheel Inserts	Specify: <u>SST Hubcaps quoted here</u>	<u>\$1,498.00</u>
D.	Optional Wheels	Specify <u>Alcoa Machine Finish</u>	<u>\$2,588.00</u>
		Specify <u>Alcoa Durbright Finish</u>	<u>\$2,534.00</u>
		Specify: <u>Alcoa Polished Finish</u>	<u>\$2,534.00</u>
<b>9 A. Coolant Heaters (e.g. Webasto, Esper, etc.)</b>			
	Heaters must exhaust in compliance with FMCSR 393.83	Specify Mfg <u>Spheroc 308</u>	<u>\$113.00</u>
	Timer		<u>NOTE: Spheroc 230 quoted in base bus.</u>
		Specify Mfg <u>Proheat M80</u>	<u>\$268.00</u>
	Timer		<u>NOTE: Spheroc 230 quoted in base bus.</u>
		Specify Mfg <u>Spheroc NGW (CNG buses only)</u>	<u>\$2,824.00</u>
	Timer		<u>NOTE: Spheroc 230 quoted in base bus.</u>
B.	Coolant Auxiliary Circulating Pump	Specify Mfg <u>Ametek</u>	<u>STD</u>
<b>10 Braking Help Options</b>			
A.	Driveline retarder (e.g. Teirma, etc.)	Specify <u>Part of Transmission</u>	<u>STD</u>
		Specify <u>N/A</u>	<u>N/A</u>
B.	Brake Assist systems (e.g. Brakanght, etc.)	Specify <u>N/A</u>	<u>N/A</u>
		Specify <u>N/A</u>	<u>N/A</u>
<b>Electrical Options</b>			
11	Battery box welding tray capable of supporting two (2) batteries.		<u>N/A</u>
A.	Battery box w/stainless sliding tray capable of supporting two (2) batteries.		<u>STD</u>
12	Alternator(s) - In lieu of standard	Specify Amps: <u>Neilhoff C703A 300amp</u>	<u>\$784.00</u>
		Specify Amps: <u>Neilhoff C863D 500amp</u>	<u>\$1,988.00</u>
		Specify Amps: <u>EMP Power 480 480amp</u>	<u>\$1,180.00</u>
A.	Multiplexing system	Specify Mfg <u>Vaneco (VMM)</u>	<u>STD</u>
		Specify Mfg <u>N/A</u>	<u>N/A</u>
B.	24 volt electrical system	Specify <u>New Flyer</u>	<u>STD</u>
		Specify <u>N/A</u>	<u>N/A</u>

**Body Options**

13	Stainless Steel (304) chassis Fully-welded stainless-steel structure		N/A
14	Conspicuity markings with reflective tape 2" wide - location determined by transit system		
A.	One stripe up to 10 feet long		N/A
B.	One stripe up to 25 feet long		N/A
C.	Rear Perimeter		N/A
D.	Other options	Specify: <u>N/A</u>	N/A
15	Standard Manufacturer Striping Package		\$ <u>\$619.00</u>
16	Graphics		
A.	Apply Logo - logo to be supplied by purchaser	Price per location	\$ <u>\$10.00</u>
B.	Lettering (per character)		
a.	Three - inch height		\$ <u>\$4.00</u>
b.	Four - inch height		\$ <u>\$4.00</u>
c.	Five - inch height		\$ <u>\$4.00</u>
17	Floor Options		
A.	Flat floor extending to passenger boarding area or sloped to eliminate additional step		STD
B.	Alternative floor covering that meets FMVSS 302 and ADA requirements for slip resistance. A 2 inch wide band of contrasting color on step edges and aisle threshold directly behind driver required	List Manufacturer <u>Altro</u> <u>TaraBus</u>	<u>\$652.00</u> <u>\$384.00</u>
C.	Non-standard floor covering colors	List Color <u>N/A</u> List Color <u>N/A</u> List Color <u>N/A</u>	<u>N/A</u> <u>N/A</u> <u>N/A</u>
D.	Galvanized steel, aluminum, or approved equal 0.20" minimum underbelly between the plywood and subfloor structure	Specify <u>N/A</u>	N/A
E.	Alternate subflooring that meets or exceeds the standard detailed spec 4.12	Specify <u>Composite Flooring - Space Age Synthetics</u>	<u>\$3,029.00</u>
18	Optional Body Skin material	Specify <u>N/A</u>	N/A
19	Optional Exterior Styling (12-year buses only)	Specify <u>N/A</u>	N/A
20	A. Romeo Rim "help" bumper - provide specifications		
a.	Front		STD
b.	Rear		STD
B.	Other Bumper - provide specifications		N/A
21	Antenna ground plane, minimum 18 inch square or 18 inch diameter for UHF, 40 inch for VHF X 1/16th inch thick steel plate, attached to roof of body. Customer will supply antenna.	18" 40"	STD <u>\$61.00</u>
A.	Conduit for additional wiring - large enough to hold coaxial cable.		STD
B.	Metal mounting plate for 2-way radio - location to be specified		STD

22	Roof ventilator/escape hatch		<u>STD</u>
	Specify make & model	<u>N/A</u>	<u>N/A</u>
	Specify make & model	<u>N/A</u>	<u>N/A</u>
23	Passenger Entrance		
	A Manual passenger door with lock or latch to prevent accidental opening and to prevent entrance from the exterior when the door is closed and latched	(Deduct)	<u>N/A</u>
	B Easy access door above passenger door for maintenance of powered door		<u>STD</u>
	C Push button switch for door light, mounted above passenger door		<u>STD</u>
	NOTE: Multiplex controlled, not manual.		
	D Exterior key entry		<u>N/A</u>
	E Stepwell Material Option		
	Stainless Steel		<u>N/A</u>
	Composite		<u>N/A</u>
24	Passenger door with a minimum of a 36" wide opening	Specify width:	
		<u>Front - N/A</u>	<u>N/A</u>
		<u>Rear - 44"</u>	<u>\$83.00</u>
25	Passenger door with 30" or less opening		
	If deduct, put \$ amount in parentheses)		<u>N/A</u>
26	Emergency Door - Rear emergency exit door, with window, designated "Emergency Door" or "Emergency Exit," permanently affixed in a manner that will not loosen in normal vehicle operation. Emergency doors must also be identified by a red light. Emergency door latch must have an exterior lock, but can be opened at all times from the interior. Windows to be installed on both sides of rear emergency exit door.		<u>N/A</u>
27	Lift Entrance Door		
	A. Vertically hinged, horizontal swing-out single door, with window, in lieu of double doors.	Deduct	<u>N/A</u>
	B. Delete on low floor vehicles where ramp is incorporated in passenger door opening	Deduct	<u>(\$1,419.00)</u>
	C. Other Lift Entrance Doors	Specify <u>N/A</u>	<u>N/A</u>

**Seating Options**

**ALL OPTIONAL SEATING OFFERED MUST BE LISTED AT THE FULL PRICE TO THE CUSTOMER SO STANDARD SEATING PRICES CAN BE DEDUCTED AND REPLACED WITH THE OPTION SEAT PRICE.**

Optional seating and securements must meet all applicable requirements of ADA, state and federal rules, and must not in any case reduce the clear aisle width to less than 18" (except as permitted in specification 1.06). All passenger seats must meet the flammability requirements specified for standard seating.

28	Driver's seat in lieu of standard, if available and consistent with warranties to be provided. Vehicle must meet flammability standard specified.		
	A. Air ride seat	Specify <u>See D Below</u>	<u>N/A</u>
	B. Mechanical suspension seat	Specify <u>See D Below</u>	<u>N/A</u>
	C. Power Seat	Specify <u>See D Below</u>	<u>N/A</u>
	D. Other	Specify <u>USSC 9100ALX (2 Point Belt)</u> <u>USSC 9100ALX (3 Point Belt)</u>	<u>\$258.00</u> <u>\$384.00</u>

29	Floor mounted/forward facing flip seat w/non-retracting seat belt			
A	Single flip seat			<u>N/A</u>
a.	Notchback (Split back) Style			<u>N/A</u>
b.	3 - point restraint seat			<u>N/A</u>
B	Double flip seat			<u>N/A</u>
a.	Notchback (Split back) Style			<u>N/A</u>
b.	3 - point restraint seat			<u>N/A</u>
30	Forward facing foldaway seat whon-retracting seat belt			
A	Single foldaway seat			<u>N/A</u>
a.	Notchback (Split back) Style			<u>N/A</u>
b.	3 - point restraint seat			<u>N/A</u>
B	Double foldaway seat			<u>N/A</u>
a.	Notchback (Split back) Style			<u>N/A</u>
b.	With aisle support leg	Specify Mfg	<u>N/A</u>	<u>N/A</u>
c.	3 - point restraint seat			<u>N/A</u>
C	Wheel well adapter			<u>N/A</u>
D	Foldaway seat cover - stored position			<u>N/A</u>
31	Additional passenger seats including specified seat belts (Item 5.05)			
A	Single Passenger Seat - Add or Deduct - if deduct, put amount in parenthesis ()	Specify Mfg	<u>N/A</u>	<u>N/A</u>
a.	3-point restraint seat	Specify Mfg	<u>N/A</u>	<u>N/A</u>
			<u>N/A</u>	<u>N/A</u>
B	Double Passenger Seat - Add or Deduct - if deduct, put amount in parenthesis ()	Specify Mfg	<u>N/A</u>	<u>N/A</u>
a.	3-point restraint seat	Specify Mfg	<u>N/A</u>	<u>N/A</u>
			<u>N/A</u>	<u>N/A</u>
C	Integrated Child Restraint Seat - whon-retracting seat belts - to match other passenger seats			
a.	Single Passenger Child Restraint Seat		<u>N/A</u>	<u>N/A</u>
b.	Double Passenger Child Restraint Seat w/one child seat		<u>N/A</u>	<u>N/A</u>
c.	Double Passenger Child Restraint Seat w/two child seats		<u>N/A</u>	<u>N/A</u>
D	Pillowtop Cushion Seat (not available on flip or folding seats) Specify pedestal height			Per Seat <u>N/A</u>
			<u>N/A</u>	
E	Optional Passenger Seat Anchorage	Specify	<u>N/A</u>	(Deduct) if Less <u>N/A</u>
		Specify	<u>N/A</u>	(Deduct) if Less <u>N/A</u>

32	Passenger seat material				
	A. Vinyl in lieu of cloth, meeting specified flammability standards (per seat)				N/A
			(Passenger Seats Only)		
	B. Vertical Stitch - Vinyl or Cloth		N/A		N/A
	C. Level of seat material above standard		Driver		Passenger
	Level 2		N/A		N/A
	Level 3		N/A		N/A
	Level 4		N/A		N/A
	Level 5		N/A		N/A
	Level 6		N/A		N/A
	Level 7		N/A		N/A
	D. Seat materials meeting Docket 90A		Yes		\$1,099.00
	NOTE: Price to change all 25 passenger seats from FMVSS 302 to Docket 90A compliant.				
				Foam	Yes
				Upholstery	Yes
	E. Moisture Barrier		per seat		\$10.00
	F. Seat arm rest				N/A
33	A. Additional wheelchair mounts including securements				N/A
	B. Other Wheelchair Securement Applications	Specify	N/A		N/A
		Specify	N/A		N/A
		Specify	N/A		N/A
34	Seat belt extenders (per each)				N/A
35	Seat belts in lieu of standard (per seat)			If deduct ()	N/A
	A. Non-Retracting	Specify	N/A		N/A
	B. Retracting	Specify	N/A		N/A
	C. Delete Passenger Seat Belts - This option not available to 5310/5311/5316/5317 programs (Deduct)				N/A
36	Seat belt retaining device				N/A
<b>Lift and Securement Devices</b>					
37	Lifts, other than standard, to meet minimum specifications				
	A. Manufacturer/ Model/Platform Size	N/A	/		N/A
	Manufacturer/ Model/Platform Size	N/A	/		N/A
	Manufacturer/ Model/Platform Size	N/A	/		N/A
	Manufacturer/ Model/Platform Size	N/A	/		N/A
	B. Lift Covers				N/A
	C. Ramp in lieu of lift on low floor vehicles				STD
38	Retractable wheelchair securements in lieu of standard	Specify	N/A	If deduct ()	N/A
		Specify	N/A	If deduct ()	N/A
		Specify	N/A	If deduct ()	N/A

A. Retractable Occupant shoulder belt with wheelchair securements				
B. Shoulder Height Adjuster with wheelchair securements				<u>N/A</u>
				<u>N/A</u>
		Vertical L-Track on Wall for Adjustment		<u>N/A</u>
		Horizontal L-Track on Wall for Adjustment		<u>N/A</u>
C. Storage pouches for wheelchair securements				<u>N/A</u>
D. Other securement Storage (TDSB, Rack, etc.)	Specify	<u>N/A</u>		<u>N/A</u>
	Specify	<u>N/A</u>		<u>N/A</u>
E. Additional Track				<u>N/A</u>
39 Non-Retractable securement tie-down device in lieu of standard				
A. Manufacturer/ Model	<u>N/A</u>		If deduct ()	<u>N/A</u>
B. Manufacturer/ Model	<u>N/A</u>		If deduct ()	<u>N/A</u>
C. Additional Track				<u>N/A</u>
40 Fully automatic lift interlock system with self-diagnostic capability	Specify:	<u>N/A</u>		<u>N/A</u>

**Stanchions and Handrails**

41 Driver stanchion options				
A. Delete lower modesty panel, attached to crossbar and stanchion	(Deduct)			<u>N/A</u>
B. Driver's partition - upper Plexiglas panel behind driver				<u>N/A</u>
42 Grab rail options				
A. Additional ceiling grab rail extending the length of the bus				<u>STD</u>
B. Other than standard entrance and ceiling grab rails	Specify	<u>RH Luggage Rack Rails w/extension</u>		<u>\$14.00</u>
C. Standaee loops attached to ceiling grab rails		<u>NOTE: Nylon/Per Standaee Strap</u>		<u>\$32.00</u>
D. Horizontal wall grab rail at wheelchair position				<u>\$133.00</u>
E. Grab Handles on wall seats				<u>N/A</u>
43 A. Vertical stanchion and cross rail, with modesty panel, between lift door and front row of seats, when vehicle has a front lift.				<u>N/A</u>
B. Stanchion and crossrail between wheelchair position and first row of seats to meet same securement requirements as specified behind driver's seat (5.20)				<u>STD</u>

**Heating, Ventilation, Air Conditioning**

44 Air Conditioning		BTUs	Manufacturer	
A. Air Conditioning in lieu of 5.12		<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
		<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
		<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
Alternator required: if different from standard		<u>N/A</u>		
B. Roof mounted condenser in lieu of skirt mounted per 5.12				<u>N/A</u>
Additional exterior height added to bus:		<u>12</u>	<u>inches</u>	
C. Deletes standard air conditioning			Deduct	<u>(\$11,073.00)</u>

45	Defroster Fan - Add or Delete		If deduct ( )	<u>STD</u>
46	Rear Heater(s) - fused and switched separately			
	A. Additional heater(s) Specify:			<u>N/A</u>
	BTU	<u>N/A</u>		
	Manufacturer	<u>N/A</u>		
	Model	<u>N/A</u>		
	B. Additional heater(s) Specify:			<u>N/A</u>
	BTU	<u>N/A</u>		
	Manufacturer	<u>N/A</u>		
	Model	<u>N/A</u>		
	C. Additional heater(s) Specify:			<u>N/A</u>
	BTU	<u>N/A</u>		
	Manufacturer	<u>N/A</u>		
	Model	<u>N/A</u>		
	D. Heat Coil in AC			<u>STD</u>
	E. Delete standard heater listed in 5.11			<u>N/A</u>
	F. Insulate coolant lines to rear heaters.			<u>STD</u>
<b>Lights</b>				
47	Delete Day-time running lights		(Deduct)	<u>N/A</u>
48	Optional Exterior Head Lamps (12-year buses only)			
	A. Xenon			<u>N/A</u>
	B. LED			<u>STD</u>
49	Delete LED lighting package Consisting of: Running Lights, Triple ID Lights, Turn Signals, Brake Lights, Backup Lights and Tail Lights		(Deduct)	<u>N/A</u>
50	Optional Interior Lighting			
	A. LED Light Lights	Specify Mfg	<u>Pretoria LED</u>	<u>\$1,418.00</u>
	B. Fluorescent type Lighting - Full Length	Specify Mfg	<u>N/A</u>	<u>N/A</u>
		Specify Mfg	<u>N/A</u>	<u>N/A</u>
<b>Storage Options</b>				
51	All compartment locks keyed the same			<u>N/C</u>
52	Locks for storage compartments as specified (per compartment)			<u>\$38.00</u>
53	Additional Storage			
	Specify size and location		<u>New Flyer 334031 (Driver's Locker)</u>	<u>\$188.00</u>
	Specify size and location		<u>New Flyer 340384 (Curbside Equipment Box)</u>	<u>\$285.00</u>



Radio

54	AM/FM/PA/CD digital radio in lieu of standard				<u>\$444.00</u>
55	AM/FM/PA Digital radio in lieu of standard				<u>\$183.00</u>
56	PA system	Specify Mfg	REI		If Deduct () <u>N/A</u>
	A. External Speaker System				<u>STD</u>
57	Delete Spec. 5.27 AM/FM/Cassette Digital radio and speakers				If Deduct () <u>(\$434.00)</u>
58	AM/FM Digital radio - No Cassette - in lieu of standard				If Deduct () <u>N/A</u>

Accessory Options

59	Body fluid Clean-up kit				<u>\$39.00</u>
60	Additional STS equipment - including body fluid clean-up kit, ice scraper, adult blanket, flashlight and "NO SMOKING" sign, in addition to equipment specified standard to vehicle. Each item is intended to meet or exceed the applicable requirements of Minnesota Rules Chapter 8840				<u>N/A</u>

Service, Warranty and Delivery Options

61	Shop service manuals and diagrams. Shop manuals may be deliverable separately from vehicle if not yet published at time of vehicle completion.				
	A. Chassis				
	a. Book				<u>Inc. in B Below</u>
	b. CD				<u>Inc. in B Below</u>
	B. Body	Specify Mfg		<u>NP Parts &amp; Service Manuals</u>	<u>\$320.00</u>
	C. Engine only	Specify Mfg		<u>Cummins IBL (Diesel) Man. Set</u>	<u>\$94.00</u>
	D. Individual, customized wiring diagrams, including coding			Chassis	<u>N/A</u>
				Body	<u>\$118.00</u>
	E. Other	Specify	<u>New Flyer Operator's Guide</u>		<u>\$55.00</u>
62	OEM/Aftermarket Extended Warranty				
		Specify Component	Miles	Years	
	A. Engine (Cummins IBL 280HP)		<u>300,000</u>	<u>2 Base + 3 Extended</u>	<u>\$6,831.00</u>
	B. Transmission (Allison B400R)		<u>300,000</u>	<u>2 Base + 3 Extended</u>	<u>\$3,002.00</u>
	C. HVAC (Thermo King RLF)		<u>Unlimited</u>	<u>2 Base + 1 Extended</u>	<u>\$1,821.00</u>
	D. Axles (MAN)		<u>300,000</u>	<u>2 Base + 3 Extended</u>	<u>N/C</u>

NOTE: Other optional warranty costs are included in our proposal. Refer to Section #2, Tab #10.

Other

63	Mirrors				
	A. Exterior mirrors, remote controlled, with replaceable motor				<u>STD</u>
	B. Heated external mirrors				<u>STD</u>
	C. Combined heated and remote controlled mirrors				<u>STD</u>
	D. Front crossover mirrors				<u>N/A</u>
	E. Delete interior mirror per spec. 5.15				Deduct <u>N/A</u>
	F. Other				
	a. Interior (eg. BDS)	Specify	<u>N/A</u>		<u>N/A</u>
	b. Exterior (eg. BDS)	Specify	<u>N/A</u>		<u>N/A</u>

64	Windows			
	A. Thermopane Windows			<u>N/A</u>
	B. Windows not designed to be opened (may be opened solely as an 'Emergency Exit')			<u>N/A</u>
	C. Extra large windows (per vehicle) Specify	<u>N/A</u>		<u>STD</u>
	D. Flushed Windows (12-year transit buses only)			<u>\$6,216.00</u>
65	Delete Fresnel (fish-eye) lens on rear window		Deduct	<u>N/A</u>
66	Windshield wipers			
	A. Winter blades			<u>N/A</u>
	B. Heated wiper blades			<u>N/A</u>
67	Rear Collision Avoidance System	Specify	<u>TransMark Sound-Off Back-up Alarm System</u>	<u>\$865.00</u>
		Specify	<u>N/A</u>	<u>N/A</u>
68	Heavy-duty step-well heater			
	A. Engine Coolant			<u>N/A</u>
	B. Electric			<u>N/A</u>
	C. Other		<u>Deflected heat from Driver's defroster</u>	<u>STD</u>
69	Master power switch to completely shut off all power to body accessories			<u>STD</u>
70	Fire Supression System	Specify	<u>Kiddie (Fire Suppression Only)</u>	<u>\$5,198.00</u>
		Specify	<u>Amerex (Fire Suppression Only)</u>	<u>\$4,576.00</u>
71	Seasonal options in addition to features specified			
	A. Cold weather front cover			<u>N/A</u>
	B. Bug screen			<u>N/A</u>
72	Interior sidewall / ceiling covering - carpet/cloth			
	A. From floor to lower window edge			<u>\$2,169.00</u>
	B. From floor to ceiling			<u>N/A</u>
	C. Entire ceiling			<u>N/A</u>
	D. Center 1/3rd of ceiling			<u>N/A</u>
73	Underbody insulation	Specify	<u>N/A</u>	<u>N/A</u>
74	ADA Stop Request			
	A. Pull Cord Chimes System	Specify	<u>Yellow Pull Cords</u>	<u>STD</u>
	B. Touch Pad/Tape System	Specify	<u>See 363872</u>	<u>\$45.00</u>

			Side	Front
75	Destination Sign			
A	Manual	Specify	N/A	N/A
B	Electronic	Specify	TwinVision (Amber) N/A	(\$537.00)
		Specify	NOTE: Cost to switch front and side sign base offering to: TwinVision (Color) N/A	\$8,138.00
		Specify	NOTE: Cost to switch front and side sign base offering to: Luminator (Color) N/A	\$8,118.00
C	Electric	Specify	NOTE: Cost to switch front and side sign base offering to: N/A \$	N/A
76	Bus camera system	Specify	Safety Vision (7 Camera System)	\$12,107.00
		Specify	Moblieview (Kalmat) (7 Camera System)	\$11,748.00
		Specify	Seon (7 Camera System)	\$8,878.00
77	AVL (Automatic Vehicle Location) System	Specify	N/A	\$8,871.00
		Specify	N/A	N/A
		Specify	N/A	N/A
78	Fare Boxes			
A	Main M4 & 1 vault w/pole			N/A
B	Additional vaults for Main M4			N/A
C	Main Treasury & 1 vault w/pole			N/A
D	Additional vault for Main Treasury			N/A
E	Main metal donation box	Specify	N/A	N/A
	Main metal donation box w/pole	Specify	N/A	N/A
F	Diamond D & 1 vault w/pole			\$1,488.00
G	Additional Vaults for Diamond D			\$684.00
H	Diamond XV & 1 vault w/pole			\$1,228.00
I	Additional vaults for Diamond XV			\$490.00
J	Above fare box coded to purchaser's existing keys			\$148.00
K	Pre-wire for Electronic Fare box			STD
L	'Pole only' for Fare box			\$234.00
M	Pre-wire for Smart Card Reader - Purchaser will supply necessary information.			N/A
N	Other	Specify	Diamond Metal Donation Boxes	\$204.00
		Specify	Diamond XV w/ 2 vaults & floor stand	\$1,438.00
		Specify	GFI GenFare Pacemaker F/R w/ rail mounting bracket	\$1,387.00
		Specify	GFI Farebox - optional stanchion for floor mount	\$298.00
		Specify	GFI Farebox - optional swap out unit	\$872.00
		Specify	GFI Farebox - GenFare Observer Electronic Revenue	\$19,612.00
		Specify	GFI Farebox - optional smart card reader	\$1,828.00
		Specify	GFI Farebox - optional swap out cash box	\$927.00
		Specify	GFI Farebox - GenFare GENTRIM Electronic Reader	\$8,073.00
		Specify	GFI Farebox - optional magnetic card reader	\$1,110.00
		Specify	GFI Farebox - optional ticket processing unit (TRIM)	\$8,288.00
		Specify	GFI Farebox - optional smart card reader	\$1,828.00
		Specify	GFI Farebox - optional remote keypad and display	\$2,188.00
		Specify	GFI Farebox - optional swap out cash box	\$927.00
79	Workshop/seminar on operation of vehicle features and preventive maintenance specific to the vehicle(s) offered in this proposal (one vehicle per class) for approximately 15 people (not including meeting facility). To include instructional video.			N/C
80	Bike Racks	Specify	Sportworks	\$1,348.00
		Specify	Byk Rak	\$1,008.00
		Specify	N/A	N/A
81	Anti-Spray Skirting - Rear of Vehicle			STD
82	Telescoping steering column			STD
83	Special option for systems not regulated by FTA or ADA			
A	Delete Wheatchair lift and IR entrance			Deduct () N/A
B	Delete Wheatchair securements			Deduct () N/A

**Multifunction School Activity Bus Options**

54 Bus to meet all school bus FMVSS's with the exception of FMVSS 108 & 131

55 Seat Options

School

N/A

Child Restraint

N/A

Freedman Activity or Equivalent

N/A

**TECHNICAL INFORMATION**

Bus Vendor	<b>New Flyer of America Inc.</b> <hr/>
Bus Manufacturer	<b>New Flyer of America Inc.</b> <hr/>
Bus Model Number	<b>XD35</b> <hr/>
Altoona Test Life (years/miles)	<b>12 Years/500,000 miles</b> <hr/>
Production Location	<b>Winnipeg, Manitoba, Canada Crookston, Minnesota St. Cloud, Minnesota</b> <hr/>
Warehouse and Service Locations	<b>New Flyer Parts Corporate Headquarters 25 DeBaets Street Winnipeg, Manitoba R2J 4G5 Canada</b> <hr/> <b>CANADIAN FIELDS Distribution Center Winnipeg, Manitoba</b> <hr/> <b>Midwest Parts Distribution Center Erlanger, Kentucky</b> <hr/> <b>Western Parts Distribution Center Fresno, California</b> <hr/>
Overall Length (including bumpers)	<b>36' 3" Inches</b> <hr/>
Overall Width (excluding mirrors)	<b>102" inches</b> <hr/>
Overall Exterior Height	<b>130" inches</b> <hr/>
Interior Height (center of aisle)	<b>95" inches (at front axle)</b> <hr/>
Doorway Opening	<b>See Below</b> <hr/>
Ambulatory	<b>Width <u>34.0"</u> inches / Height <u>77.0"</u> inches</b> <hr/>
Wheelchair	<b>Width <u>34.0"</u> inches / Height <u>77.0"</u> inches</b> <hr/>
Wheel base	<b>226.75" inches</b> <hr/>
Floor thickness	<b>0.75" inches</b> <hr/>

FY2012

Accessible Medium-Sized Medium Duty Transit Buses

Construction Type/Materials	<b>SEE BELOW</b>
Subframe	<b>Not Applicable</b>
Body frame	<b>Semi-monocoque using HSLA sheet steel &amp; Plate &amp; structural tube</b>
Exterior panels	<b>Fiberglass with some aluminum pier panels</b>
Interior panels	<b>Melamine/ABS</b>
Insulation	<b>Rigid, Polystyrene Foam/Bagged Fiberglass</b>
Chassis Manufacturer	<b>New Flyer of America Inc.</b>
Certified Weight of Bus - Total	<b>38,360 lbs.</b>
On Front Axle	<b>13,196 lbs.</b>
On Rear Axle	<b>25,164 lbs.</b>
Engine Manufacturer	<b>Cummins</b>
Type	<b>Inline, diesel, electronic</b>
Model	<b>ISL</b>
Net S.A.E. Horsepower	<b>280</b>
Net S.A.E. Torque	<b>900</b>
Transmission Manufacturer	<b>Allison</b>
Type	<b>Electronic</b>
Model	<b>B400R</b>
Speeds	<b>6</b>
Cooler	<b>Rocore</b>
Alternator Manufacturer	<b>Delco</b>
Model	<b>50DN</b>
Output (amps)	<b>270</b>
Starter Motor Manufacturer	<b>Delco</b>
Model	<b>42MT</b>

Air Compressor (if equipped) Manufacturer	<b>Cummins /Wabco</b>
Model	<b>Twin Air Compressor {30.4}</b>
Capacity	<b>30.4 CFM</b>
Gross Vehicle Weight Rating (GVWR)	<b>42,540 lbs.</b>
Axle, Front Manufacturer	<b>M.A.N.</b>
Type	<b>Steering, Non driven</b>
Model	<b>VOK-07-F</b>
Gross Axle Weight Rating (lbs)	<b>15,873 lbs.</b>
Axle, Rear Manufacturer	<b>M.A.N.</b>
Type	<b>Single Reduction</b>
Model	<b>HY-1336-B</b>
Gross Axle Weight Rating (lbs)	<b>28,660 lbs.</b>
Differential Ratio	<b>4.625:1</b>
Power Steering Pump Manufacturer	<b>Parker Hannifin</b>
Model	<b>T7BAS Dual Vane Pump</b>
Brakes - Manufacturer	<b>M.A.N./Knorr/Ferodo</b>
Front - Type	<b>Disc</b>
Diameter	<b>7.09" inches</b>
Rear - Type	<b>Disc</b>
Diameter	<b>7.09" inches</b>
Radiator Manufacturer	<b>Thermasys</b>
Type	<b>Tube and Fin</b>
Model	<b>4592</b>
Total System Capacity (Excluding auxiliary heating system)	<b>23 U.S. gal</b> <b>Part of the Main System   gallons</b>
Radiator Fan Speed Control Type	<b>Plum Electric Controller Type</b>
Surge Tank Capacity	<b>5 U.S. gal.</b>

FY2012

Accessible Medium-Sized Medium Duty Transit Buses

Engine Thermostat Temperature Setting	<b>180 degrees</b>
Overheat Alarm Temperature Setting	<b>225 degrees</b>
Heating System Capacity	<b>Front 84,000 BTUs / Rear 105,000 BTUs</b>
Heating Cores - Manufacturer	<b>MCC/Thermo King</b>
Number of cores	<b>1 in main system, 1 in driver's defroster</b>
Air Conditioning - Manufacturer	<b>Thermo King</b>
Model	<b>RLF</b>
Capacity (BTUs)	<b>105,000 Btu/hr (R407 with X430 compressor)</b>
Fuel Tank Capacity (gallons)	<b>125 U.S gal</b>
Tires - Manufacturer	<b>Michelin</b>
Size	<b>305/70R22.5</b>
Type	<b>Low profile radials</b>
Load Range	<b>L</b>
Batteries	
Main - Manufacturer	<b>Interstate</b>
Type, Size	<b>8D</b>
Capacity (CCA at 0 degrees F)	<b>1375 x 2</b>
Accessory - Manufacturer	<b>N/A</b>
Type, Size	<b>N/A</b>
Capacity (CCA at 0 degrees F)	<b>N/A</b>
Wheelchair Lift - Manufacturer	<b>New Flyer</b>
Model	<b>New Flyer flip ramp</b>
Wheelchair Securement - Manufacturer	<b>American/Q - Straint</b>
Model	<b>Q-Straint</b>
Seat Belts - Manufacturer	<b>Q-Straint</b>
Type	<b>Lap and shoulder</b>
Passenger Seats - Manufacturer	<b>American Seating</b>



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Accessible Medium-Sized Medium Duty Transit Buses

Type	<b>6468</b>
Minimum knee-to-hip space	<b>26.5" inches</b>
Driver's Seat - Manufacturer	<b>Recaro</b>
Model	<b>Ergo Metro</b>
Interlock - Manufacturer	<b>Recaro</b>
Model	<b>Part of seat</b>
Backup Alarm (db)	<b>107 ± 4DbA</b>
Roof Marker Lights - Manufacturer	<b>Dialight</b>
Interior Lighting - Type	<b>LED</b>
Number of Fixtures	<b>8</b>
Identification Lights - Manufacturer	<b>Dialight</b>

**TECHNICAL INFORMATION**

Bus Vendor	<b>New Flyer of America Inc.</b> <hr/>
Bus Manufacturer	<b>New Flyer of America Inc.</b> <hr/>
Bus Model Number	<b>XD40</b> <hr/>
Altoona Test Life (years/miles)	<b>12 Years/500,000 miles</b> <hr/>
Production Location	<b>Winnipeg, Manitoba, Canada Crookston, Minnesota St. Cloud, Minnesota</b> <hr/>
Warehouse and Service Locations	<b>New Flyer Parts Corporate Headquarters 25 DeBaets Street Winnipeg, Manitoba R2J 4G5 Canada</b> <hr/>
	<b>Canadian Parts Distribution Center Winnipeg, Manitoba</b> <hr/>
	<b>Midwest Parts Distribution Center Erlanger, Kentucky</b> <hr/>
	<b>Western Parts Distribution Center Fresno, California</b> <hr/>
Overall Length (including bumpers)	<b>41' 0" inches</b> <hr/>
Overall Width (excluding mirrors)	<b>102" inches</b> <hr/>
Overall Exterior Height	<b>130" inches</b> <hr/>
Interior Height (center of aisle)	<b>95" inches (at front axle)</b> <hr/>
Doorway Opening	<b>See Below</b> <hr/>
Ambulatory	<b>Width <u>34.0"</u> inches / Height <u>77.0"</u> inches</b> <hr/>
Wheelchair	<b>Width <u>34.0"</u> inches / Height <u>77.0"</u> inches</b> <hr/>
Wheel base	<b>283.75" inches</b> <hr/>
Floor thickness	<b>0.75" inches</b> <hr/>

FY2012

Accessible Medium-Sized Medium Duty Transit Buses

Construction Type/Materials	<b>SEE BELOW</b>
Subframe	<b>Not Applicable</b>
Body frame	<b>Semi-monocoque using HSLA sheet steel &amp; plate &amp; structural tube</b>
Exterior panels	<b>Fiberglass with some aluminum pier panels</b>
Interior panels	<b>Melamine/ABS</b>
Insulation	<b>Rigid, Polystyrene Foam/Bagged Fiberglass</b>
Chassis Manufacturer	<b>New Flyer of America Inc.</b>
Certified Weight of Bus - Total	<b>40,260 lbs.</b>
On Front Axle	<b>14,181 lbs.</b>
On Rear Axle	<b>26,079 lbs.</b>
Engine Manufacturer	<b>Cummins</b>
Type	<b>Inline, diesel, electronic</b>
Model	<b>ISL</b>
Net S.A.E. Horsepower	<b>280</b>
Net S.A.E. Torque	<b>900</b>
Transmission Manufacturer	<b>Allison</b>
Type	<b>Electronic</b>
Model	<b>B400R</b>
Speeds	<b>6</b>
Cooler	<b>Rocore</b>
Alternator Manufacturer	<b>Delco</b>
Model	<b>50DN</b>
Output (amps)	<b>270</b>
Starter Motor Manufacturer	<b>Delco</b>
Model	<b>42MT</b>

Air Compressor (if equipped) Manufacturer	<b>Cummins /Wabco</b>
Model	<b>Twin Air Compressor {30.4}</b>
Capacity	<b>30.4 CFM</b>
Gross Vehicle Weight Rating (GVWR)	<b>42,540 lbs.</b>
Axle, Front Manufacturer	<b>M.A.N.</b>
Type	<b>Steering, Non driven</b>
Model	<b>VOK-07-F</b>
Gross Axle Weight Rating (lbs)	<b>15,873 lbs.</b>
Axle, Rear Manufacturer	<b>M.A.N.</b>
Type	<b>Single Reduction</b>
Model	<b>HY-1336-B</b>
Gross Axle Weight Rating (lbs)	<b>28,660 lbs.</b>
Differential Ratio	<b>4.625:1</b>
Power Steering Pump Manufacturer	<b>Parker Hannifin</b>
Model	<b>T7BAS Dual Vane Pump</b>
Brakes - Manufacturer	<b>M.A.N./Knorr/Ferrodo</b>
Front - Type	<b>Disc</b>
Diameter	<b>7.09" inches</b>
Rear - Type	<b>Disc</b>
Diameter	<b>7.09" inches</b>
Radiator Manufacturer	<b>Thermasys</b>
Type	<b>Tube and Fin</b>
Model	<b>4592</b>
Total System Capacity (Excluding auxiliary heating system)	<b>23 U.S. gal</b> <b>Part of the Main System   gallons</b>
Radiator Fan Speed Control Type	<b>Plum Electric Controller Type</b>
Surge Tank Capacity	<b>5 U.S. gal.</b>

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Accessible Medium-Sized Medium Duty Transit Buses

Engine Thermostat Temperature Setting	<b>180 degrees</b>
Overheat Alarm Temperature Setting	<b>225 degrees</b>
Heating System Capacity	<b>Front 84,000 BTUs / Rear 105,000 BTUs</b>
Heating Cores - Manufacturer	<b>MCC/Thermo King</b>
Number of cores	<b>1 in main system, 1 in driver's defroster</b>
Air Conditioning - Manufacturer	<b>Thermo King</b>
Model	<b>RLF</b>
Capacity (BTUs)	<b>105,000 Btu/hr (R407 with X430 compressor)</b>
Fuel Tank Capacity (gallons)	<b>125 U.S gal</b>
Tires - Manufacturer	<b>Michelin</b>
Size	<b>305/70R22.5</b>
Type	<b>Low profile radials</b>
Load Range	<b>L</b>
Batteries	
Main - Manufacturer	<b>Interstate</b>
Type, Size	<b>8D</b>
Capacity (CCA at 0 degrees F)	<b>1375 x 2</b>
Accessory - Manufacturer	<b>N/A</b>
Type, Size	<b>N/A</b>
Capacity (CCA at 0 degrees F)	<b>N/A</b>
Wheelchair Lift - Manufacturer	<b>New Flyer</b>
Model	<b>New Flyer flip ramp</b>
Wheelchair Securement - Manufacturer	<b>American/Q - Straint</b>
Model	<b>Q-Straint</b>
Seat Belts - Manufacturer	<b>Q-Straint</b>
Type	<b>Lap and shoulder</b>

FY2012

Accessible Medium-Sized Medium Duty Transit Buses

Passenger Seats - Manufacturer

**American Seating**

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Type

**6468**

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Minimum knee-to-hip space

**26.5" inches**

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Driver's Seat - Manufacturer

**Recaro**

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Model

**Ergo Metro**

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Interlock - Manufacturer

**Recaro**

---

Model

**Part of seat**

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Backup Alarm (db)

**107 ± 4Db**

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Roof Marker Lights - Manufacturer

**Dialight**

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Interior Lighting - Type

**LED**

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Number of Fixtures

**10**

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Identification Lights - Manufacturer

**Dialight**

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## STANDARD WARRANTIES

12 Year Bus Minimum

Warranty	Miles	Years
Body Structure {New Flyer}	150,000	3
Chassis {New Flyer}	500,000	12
Engine {Cummins}	Unlimited WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	2
Transmission {Allison}	Unlimited WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	2
Transmission {Voith - Option}	Unlimited WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	2
Transmission {ZF - Option}	Unlimited WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	2
Air conditioner {Thermo King}	Unlimited WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	2
Lift {New Flyer}	50,000	1
Other Options:	See attached listing labelled Extended Warranty Options	See attached listing labelled Extended Warranty Options

## EXTENDED WARRANTY OPTIONS

12 year buses minimum

Warranty	Miles	Years	Clarifications	Cost to Customer (If Available) N/A = Not Available for Purchase
Other Options	Please see below	Please see below	Please see below	
Engine (Cummins ISL) Diesel or Diesel-Hybrid	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$6,831.00
Engine - Option (Cummins ISB) Diesel-Hybrid	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$4,858.00
Engine - Option (Cummins ISL-G) CNG	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$9,108.00
Transmission (Allison) 35' & 40' Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$3,002.00
Transmission (Allison) 60' Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$3,267.00
Hybrid Drive - Option (Allison EP40) 35' & 40' Diesel Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first.  Note: ESS battery cell limitation is 75,000 amp-hours usage  The coverage of ESS battery cells is limited to amp-hours usage as recorded by the Energy Storage System's diagnostics  Note: the battery cells within the Energy Storage System will be considered by Allison to still have useful life @80,000 Amp-hours  WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$22,171.00
Hybrid Drive - Option (Allison EP50) 60' Diesel Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first.  Note: ESS battery cell limitation is 75,000 amp-hours usage  The coverage of ESS battery cells is limited to amp-hours usage as recorded by the Energy Storage System's diagnostics  Note: the battery cells within the Energy Storage System will be considered by Allison to still have useful life @80,000 Amp-hours  WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3	\$25,646.00



Hybrid Drive - Option (BAE) 35' & 40' Diesel-Hybrid Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first.  Hardware included in the extended warranty offering: AC Traction Motor, Integrated Starter Generator, Propulsion Control System, System Control System (SCU), and the Lithium Ion Energy Storage System. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$27,800.00
Transmission (Volvo - Option) 30'-60' Diesel Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$3,982.00
Transmission (ZF - Option) 35' & 40' Diesel Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$3,510.00
Transmission (ZF - Option) 60' Diesel Buses	300,000	5	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of five (5) years or 300,000 miles, whichever occurs first. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$3,772.00
HVAC Thermo King 30'-40' Diesel Buses	Unlimited	3	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of three (3) years, unlimited miles. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$1,821.00
HVAC Thermo King 60' Diesel Buses	Unlimited	3	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of three (3) years, unlimited miles. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$3,443.00
HVAC Thermo King 30'-40' Diesel-Hybrid Buses	Unlimited	3	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of three (3) years, unlimited miles. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$1,945.00
HVAC Thermo King 60' Diesel-Hybrid Buses	Unlimited	3	This increases the standard warranty period from two (2) years, unlimited miles to a total coverage period of three (3) years, unlimited miles. <b>WARRANTY PARCHMENT IS ATTACHED (CD) Tab 3</b>	\$3,567.00
Interior Lighting Fluorescent	Unlimited	5	Excluding maintenance items & items that are not covered by the OEM's warranty. Warranty covers parts only, warranty excludes lamp tubes.	N/A
Multiplexing System (Vansco Components)	150,000	3	Applied to Vansco supplied components only.	N/A
Paint	Unlimited	5		N/A
Articulation Joint	50,000	1		N/A
Destination Signs	Unlimited	3		N/A
Mirrors	50,000	1		N/A
Windows	Unlimited	2		N/A
Passenger Doors	150,000	3		N/A
Driver's Seat	100,000	2	Excludes fabric & foam	N/A

Passenger Seating	Unlimited	6	Year #1 & #2 are full parts and labour coverage; Year(s) #3-#6 are parts coverage only.	N/A
Auxiliary Heater	Unlimited	2		N/A

# Membership Application

Please provide the information requested below and mail, email or fax it to:

**Materials Management Division  
Attention: Sherry Brown  
112 Administration Building  
50 Sherburne Avenue  
St. Paul MN 55155**

**Email: sherry.brown@state.mn.us  
Fax: 651.297.3996**

A membership permit number and security access code will be sent to you following receipt and processing of your application.

Stanislaus County Public Works Transit  
ORGANIZATION NAME

1010 10th Street, Ste 4204  
ADDRESS

Modesto CA. 95354  
CITY STATE ZIP

Doralee Ann Bales  
CONTACT NAME

209 - 525-7504  
TELEPHONE FAX

bolesd@stancounty.com  
CONTACT EMAIL

EUNICE LOVI  
AUTHORIZED NAME (PLEASE PRINT)

Elovi  
AUTHORIZED SIGNATURE

Eligibility based on (please circle):

471.59   16C.23   43A.50  
309.50   145.9268   16C.03

June 2011

Cooperative Purchasing Venture  
Materials Management Division  
112 Administration Building  
50 Sherburne Avenue  
St. Paul MN 55155

# Cooperative Purchasing Venture (CPV)

## Membership Application

MEMBERSHIP IS FREE



MEMBERSHIP IS FREE



Exhibit C



## COOPERATIVE PURCHASING AGREEMENT

Under the Authority of Minnesota Statutes § 16C.03, Subdivision 10

and

Minnesota Statutes § 471.59, Subdivision 1

This Joint Powers Agreement is between the State of Minnesota, through its commissioner of Administration, Materials Management Division ("Division") and

### STANISLAUS COUNTY PUBLIC WORKS TRANSIT ("Authorized Entity").

Pursuant to Minn. Stat. § 16C.03, subd. 10, the Division acquires various supplies, commodities, equipment, and services for state agencies and governmental units (as defined in Minn. Stat. § 471.59, subd. 1) through competitive bidding or requests for proposals. The Division, through Minn. Stat. § 16C.11, and the Authorized Entity wish to combine their purchasing functions, as specifically provided below, so that the Authorized Entity may avail itself of the prices which have been agreed upon by the Division and its vendors.

The parties agree as follows:

1. **Term.** This joint powers agreement will be effective on the date State obtains all required signatures under Minn. Stat. § 16C.05, subd. 2, and remains in effect until canceled by either party upon 30 days' written notice to the other party.
2. **Services.** The Division will make its contracts for commodities and services, as listed on the State of Minnesota's Contract Index, available to the Authorized Entity.
3. **Use of Division Contracts.** To purchase commodities or services from the Division's contracts, the Authorized Entity must issue a purchase order in accordance with the terms and conditions of the Division's contracts and any requirements applicable to the Authorized Entity's governing body. The Authorized Entity must send purchase orders directly to the applicable vendor and will make payments directly to the vendor in accordance with its established procedures and terms of the Division's contract. The Authorized Entity will not use the goods available under the Division's contracts for the purposes of resale. The Authorized Entity must be the end user of the goods purchased.
4. **Liability.** The Authorized Entity agrees that neither the Division nor its employees personally assume responsibility or liability for any amounts due or claimed to be due pursuant to any purchase order entered issued by the Authorized Entity. The Authorized Entity will indemnify, save and hold harmless the Division and its employees from any loss, damage or



# COOPERATIVE PURCHASING AGREEMENT

Under the Authority of Minnesota Statutes § 16C.03, Subdivision 10 and

Minnesota Statutes § 471.59, Subdivision 1

expense, including payment of attorney fees allowable by law, which arise or may arise from the Authorized Entity's use of this joint powers agreement and from any dispute or claim arising from any transaction between the Authorized Entity and the Division's vendors, whether or not the loss, damage, dispute or claim arises during or after the period of this cooperative agreement. The Division's liability will be governed by the provisions of Minn. Stat. § 3.736.

## STANISLAUS COUNTY PUBLIC WORKS TRANSIT

"Authorized Entity certifies that the appropriate person(s) have executed this cooperative agreement on behalf of the Authorized Entity as required by applicable articles, bylaws, resolutions or ordinances."

By: Elovi  
(Authorized Signature)

Transit M Manager  
(Title)

1010 10<sup>th</sup> Street, Suite 4204, Madesto Ct  
(Address)

April 26, 2012  
(Date)

## STATE OF MINNESOTA

"By Delegation"

By: [Signature]  
Materials Management Division

8-28-12  
(Date)

Permit Number/Access Code:

519931

2012 AUG 28 A 11:04

# Admin Minnesota

## Materials Management Division

Room 112 Administration Bldg., 50 Sherburne Ave., St. Paul, MN 55155; Phone: 651.296.2600, Fax: 651.297.3996  
 For TTY/TDD communication, contact us through the Minnesota Relay Service at 1.800.627.3529.

### CONTRACT RELEASE: B-347(5)

**DATE:** JANUARY 25, 2012

**PRODUCT/SERVICE:** BUSES: TRANSIT – 2012 MODEL YEAR ACCESSIBLE SMALL AND MID-SIZED BODY-ON-CHASSIS BUSES AND PURPOSE BUILT MEDIUM DUTY ACCESSIBLE BUSES

**CONTRACT PERIOD:** JANUARY 26, 2012, THROUGH DECEMBER 31, 2012

**EXTENSION OPTIONS:** NONE

**ACQUISITION MANAGEMENT SPECIALIST:** JACKIE FINGER

**PHONE:** 651.201.2436 **E-MAIL:** [jackie.finger@state.mn.us](mailto:jackie.finger@state.mn.us) **WEB SITE:** [www.mmd.admin.state.mn.us](http://www.mmd.admin.state.mn.us)

**NOTIFICATION OF MULTIPLE AWARDS**

**THIS RELEASE CONTAINS MULTIPLE AWARDS FOR SIMILAR OR LIKE ITEMS. STATE AGENCIES AND CPV MEMBERS SHOULD REVIEW AND COMPARE ALL MULTIPLE AWARD CONTRACT VENDORS IN ORDER TO ENSURE THE BEST VALUE FOR THEIR POTENTIAL PURCHASE. FACTORS SUCH AS, BUT NOT LIMITED TO, COST, EQUIPMENT WARRANTY TERMS, VENDOR LOCATION, DELIVERY LEAD TIMES, AVAILABLE SUBSTITUTES, SELECTED OPTIONS AND CURRENT FLEET AND EQUIPMENT OR PARTS INVENTORY LEVELS ALL MAY CONTRIBUTE TO THE TOTAL COST/VALUE OF AN INDIVIDUAL PURCHASE. MULTIPLE VENDORS MAY BE ABLE TO SATISFY THE REQUIREMENTS OF THE PURCHASER AND THEREFORE IT IS IMPORTANT FOR THE PURCHASER TO REVIEW ALL CONTRACTS AND CONTRACT PRICES BEFORE EXECUTING AN ORDER.**

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>COACH &amp; EQUIPMENT BUS SALES</b> 1109 Frankfurt Avenue Baltimore, MD 21226	<b>40754</b>	<b>NET 30</b>	<b>120 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000811233 <b>CONTACT:</b> Dorothy Hersey <b>PHONE:</b> 410.262.7888 or 800.724.8664 <a href="mailto:dhersey@coachsales.com">dhersey@coachsales.com</a> <b>FAX:</b> 315.536.0460			
*****			
<b>DAIMLER BUSES NORTH AMERICA</b> 165 Base Road Oriskany, NY 13424	<b>40757</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000352950 <b>CONTACT:</b> Greg Stephanian <b>PHONE:</b> 905.403.7286 <a href="mailto:greg.stephanian@dcbusna.com">greg.stephanian@dcbusna.com</a> <b>FAX:</b> 905.403.8808			
*****			

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>ELDORADO – CALIFORNIA</b> 9670 Galena Street Riverside, CA 92509	<b>40758</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000300680	<b>CONTACT:</b> Michael Ammann <a href="mailto:mammann@eldorado-ca.com">mammann@eldorado-ca.com</a>	<b>PHONE:</b> 515.270.2939 <b>FAX:</b> 515.270.2537	
*****			
<b>ELDORADO – KANSAS</b> 1655 Wall Street Salina, KS 67401	<b>40759</b>	<b>NET 30</b>	<b>120 DAYS AFTER CHASSIS</b>
<b>VENDOR NO.:</b> 0000357087	<b>CONTACT:</b> Karen Rexroad <a href="mailto:karinr@enconline.com">karinr@enconline.com</a>	<b>PHONE:</b> 785.827.1033 – Ext. 125 or 800.808.1287 <b>FAX:</b> 785.823.9471	
*****			
<b>GILLIG LLC</b> 25800 Clawiter Road Hayward, CA 94545	<b>40761</b>	<b>Net 30</b>	<b>420 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000265836	<b>CONTACT:</b> Sam Enochian <a href="mailto:sam.enochian@gillig.com">sam.enochian@gillig.com</a>	<b>PHONE:</b> 800.735.1500 <b>FAX:</b> 510.785.6819	
*****			
<b>HOGLUND BUS COMPANY</b> PO Box 249 Monticello, MN 55362	<b>40762</b>	<b>Net 30</b>	<b>120 DAYS AFTER CHASSIS</b>
<b>VENDOR NO.:</b> 0000192666	<b>CONTACT:</b> Scott Gretsch <a href="mailto:sales@hoglundbus.com">sales@hoglundbus.com</a>	<b>PHONE:</b> 763.271.2975 or 800.866.3105 <b>FAX:</b> 763.295.4992	
*****			
<b>NEW FLYER OF AMERICA, INC.</b> 711 Kernaghan Avenue Winnipeg, Manitoba, Canada R2C 3T4	<b>40763</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000258272	<b>CONTACT:</b> Adrian Graca <a href="mailto:adrian_graca@newflyer.com">adrian_graca@newflyer.com</a>	<b>PHONE:</b> 204.224.6381 <b>FAX:</b> 204.224.4214	
*****			
<b>NORTH CENTRAL BUS SALES</b> 2629 Clearwater Road St. Cloud, MN 56301	<b>40764</b>	<b>NET 30</b>	<b>120 DAYS AFTER CHASSIS</b>
<b>VENDOR NO.:</b> 0000234132	<b>CONTACT:</b> Mike Klauda <a href="mailto:mike@northcentralinc.com">mike@northcentralinc.com</a>	<b>PHONE:</b> 612.238.0400 or 877.485.9591 <b>FAX:</b> 612.331.1387	
*****			
<b>NOVA BUS</b> 260 Banker Road Plattsburgh, NY 12901	<b>40768</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000375658	<b>CONTACT:</b> John Kardos <a href="mailto:john_kardos@volvo.com">john_kardos@volvo.com</a>	<b>PHONE:</b> 450.974.6048 or 800.350.6682 – X6048 <b>FAX:</b> 450.974.3001	
*****			

Contract Release: B-347(5)

**COOPERATIVE PURCHASING VENTURE MEMBERS.** This Contract is available for use by CPV members. If these commodities or service can be better structured to help you with your business needs, let us know. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to CPVs, please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the Contract Feedback Form.

**STATE AGENCY CONTRACT USE.** This Contract must be used by State agencies unless a specific exception is granted by the Acquisition Management Specialist listed above. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to your agency, please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the Contract Feedback Form.

**CONTRACT USERS.** This Contract is available to State agencies and to members of the State's Cooperative Purchasing Venture (CPV) program at the same prices, terms, and conditions.

**STATE AGENCY CONTRACT USE.** This Contract must be used by State agencies unless a specific exception is granted by the Acquisition Management Specialist listed above.

**AGENCY ORDERING INSTRUCTIONS.** Orders are to be placed directly with the Contract Vendor. State agencies should use a Contract release order (CRO) or a blanket purchase order (BPC). The person ordering should include his or her name and phone number. Orders may be submitted via fax.

#### **SPECIAL TERMS AND CONDITIONS**

**SCOPE.** The purpose of this Contract is to provide a source for 2012 Model Year Accessible Small and Mid-Sized Body-on-Purpose Built Medium Duty Accessible Transit Buses. The State of Minnesota, Department of Transportation (MnDOT), will manage the Contract on behalf of multiple transit providers for vehicles to be funded through Federal Sections 5310 and 5311 programs and State funds. MnDOT may also elect to fund additional options. The Office of Transit will review each transit systems vehicle selection for final approval. The Office of Transit will participate in funding vehicle purchases for an amount not to exceed the recipient's Contract amount. The recipient will fund costs exceeding the Contract amount.

- **Any requests for copies of the solicitation or vendor contracts should be directed to the AMS listed above.**
- **Any questions regarding the grant program or technical specifications may be directed to Kathy Fuller, Office of Transit, at [kathy.fuller@state.mn.us](mailto:kathy.fuller@state.mn.us) .**

MnDOT will issue purchase orders and payments directly to the Contract Vendor for those agencies receiving capital assistance under the Section 5310 program.

Rural public transit systems funded through State and Federal Section 5311 funds will individually issue purchase orders through an approval process at the Office of Transit. Payment for vehicles will be made to the Contract Vendor by each rural public transit system.

A list of participating Section 5310 and 5311 programs will be distributed to the Contract Vendor. Some transit systems are designated as Special Transportation Service (STS) providers. STS providers require an inspection sticker by the Office of Motor Carrier Services before the lift-equipped vehicle is placed into service.



Contract Release: B-347(5)

**PRICES.** Prices shall be firm during the term of the Contract. All price reductions announced, and substantiated by the manufacturer, must be applied at the time of announcement for products that have been ordered and not delivered. If applicable during the term of the Contract, all published manufacturer's rebates and order incentives must be passed on to the State and notification must be sent to the AMS immediately. If a dealer is offered a manufacturer's discount that same discount must be offered to current and future orders made against the Contract. **NOTE:** At no time should the ordering entity pay more than the Contract price. Agencies must contact the AMS immediately and fill out a Vendor Performance Report if there is a discrepancy between the price on the invoice and the Contract price.

**NOTE:** Prices provided by the Contract Vendor for standard and optional equipment are considered final. If a purchaser determines that additional optional equipment is required, that optional equipment must be purchased separate and aside from this Contract and a separate purchase order is required. Price adjustments to this Contract may only be effected by amendment.

Should specific optional equipment be designed and engineered for the manufacturer's bus after Contract award, the Contract Vendor may submit a Contract Amendment Request to add said equipment. Request must include price and proof that equipment was not available at time of RFP submission. All pricing for optional equipment added to the Contract by amendment is considered final.

The terms for optional equipment are the same for all Purchasers in all states.

**TRANSPORTATION COSTS.** All costs associated with freight charges from the manufacturer to the Contract Vendor should be included in the price of the bus.

The dealer and the Purchaser will concur on the distance from the dealership to the Purchaser's delivery point as determined from <http://maps.yahoo.com> as the index and that number of miles will be used in calculating the delivery costs. The Contract Vendor will indicate a cost per mile for the delivery of the completed unit to the purchasing delivery point.

The Contract Vendor may state a minimum delivery charge for Purchasers that are close in location. The Purchaser may calculate the larger of the two costs, mileage or minimum charge. The minimum delivery charge (if used) shall not be added to the cost per mile deduction.

All equipment will be delivered to the Purchaser, FOB Destination, with transportation charges listed as a separate cost. Transportation charges from the dealer to the Purchaser are not exempt from State of Minnesota use tax but should be invoiced as a separate line item.

The Purchaser reserves the option to pick up the vehicle at the dealer's location and will advise the Contract Vendor accordingly prior to the scheduled delivery date.

Fuel surcharges will only be allowed if the price per gallon of diesel fuel increases more than 20 percent from the diesel fuel prices posted on the day the RFP is due. The index used for the Contract will be the weekly On-Highway Diesel Prices for the Midwest Region as posted each Monday at: <http://tonto.eia.doe.gov/oog/info/wohdp/diesel.asp>.

All requests for fuel surcharges must be submitted and approved by the Acquisition Management Specialist of the Materials Management Division (Department of Administration) before they are put into effect. A copy of the rate schedule will be submitted with the request to add the fuel surcharge. The exact amount of the surcharge and the length of time the surcharge may be added, if any, will be governed by the validity of the documentary evidence submitted. No price increase will be effective until approved by the Acquisition Management Specialist.

**TAXES.** No taxes should be calculated into the cost of the vehicle being offered. Taxes will be calculated and invoiced, if applicable, as a separate line item on the invoice. For the purposes of this solicitation, motor vehicle means any self-propelled vehicle required to be licensed for road use and any vehicle propelled or drawn by a self-propelled vehicle required to be licensed for road use. It includes vehicles such as cars, vans, pick-ups, trailers, and motorcycles. It does not include snowmobiles or manufactured homes.

**State Excise Tax.** A 6.5% Motor Vehicle Sales Tax is imposed on the sale of motor vehicles per Minn. Stat. § 297B.02. The Contract Vendor (dealer) is responsible for licensing and transfer of title to the Purchaser, so the Purchaser should include the 6.5% excise tax in the money paid to the dealer. Dealers will pay the excise tax as well as the other registration and titling fees to the Department of Public Safety's motor vehicle registrar on the Purchaser's behalf.

**Transit Improvement Vehicle Excise Tax.** A \$20 Transit Improvement Vehicle Excise Tax applies to sales of motor vehicles registered for road use. The \$20 must be collected by any person in the business of selling new or used motor vehicles at retail when the sale occurs in the transit tax area. The \$20 tax applies even if the buyer is from out of state and will take the vehicle out of Minnesota for registration. The \$20 tax is not connected to registration, but rather to the sale. The Deputy Registrar does not collect this tax. The Contract Vendor (dealer) must report the \$20 on their electronic sales tax return at the same time as they report their Minnesota sales and use tax.

The sale occurs where the Purchaser takes possession of the vehicle. For instance, if the vehicle is sold in the transit tax area, but is *delivered out of the transit tax area*, the \$20 excise tax does not apply. Conversely, if the vehicle is sold outside of the transit tax area, but is *delivered into the transit tax area*, the \$20 excise tax does apply.

**Exceptions to the \$20 Transit Improvement Vehicle Excise Tax:**

- Federal government agencies, vehicles not required to be licensed for road use (e.g., marked police cars, fire trucks and ambulances) and vehicles for resale.
- Leased vehicles.

**As a point of clarification, the following taxes DO NOT apply to the sale of motor vehicles:**

- General Sales and Use Tax
- City and County Local Tax
- Federal Excise Tax (as the State is Exempt)
- Transit Improvement 0.25% Sales and Use Tax

**QUANTITY DISCOUNTS.** In some cases, Contract Vendors may offer discounts to purchasers that order more than one bus per time. If ordering multiple units, purchasers should confirm if such discounts are part of the Contract.

**Order Processing.** The Office of Transit will provide an electronic order form. The Contract Vendor will complete the form electronically with all order details and will provide a completed copy to the recipient. The Contract Vendor will acknowledge receipt of a purchase order and confirm to the Purchaser a firm delivery date of the completed vehicle(s). If requested by the Purchaser, the Contract Vendor must submit a detailed floor plan of the vehicle ordered.

**Delivery Requirements.** Each bus shall be delivered or be available for pickup by the Purchaser within the time frame determined by the Contract Vendor's response and Contract terms. An additional 30 days will be permitted for vehicles in excess of 20 ordered at the same time.

**Invoices.** The Contract Vendor must submit two copies of any invoice to the Purchaser. In addition, one copy of each invoice must be submitted to the designee at the Office of Transit for each purchase made against this Contract unless the customer is not a recipient of grant funds through the Minnesota Office of Transit. If payments may be consigned to another financial entity other than the Contract Vendor, that information is detailed in the Contract Vendor's response.

All concessions and rebates are required to be included in the prices offered by the Contract Vendor. To secure the concessions and rebates, the Contract Vendor may require the Purchaser to sign the chassis manufacturer's Government Price Concession re-assignment and Mobility Motoring Rebate forms as part of the invoicing process.

**SHIPPING TERMS.** All costs associated with freight charges from the manufacturer to the Contract Vendor should be included in the price of the material.

The Contract Vendor and the purchaser will concur on the distance from the dealership to the purchaser's delivery point and that number of miles will be used in calculating the delivery costs. The Contract indicates a cost per mile for the delivery of the completed unit to the purchasing delivery point.

The Contract Vendor may state a minimum delivery charge for purchasers in a close location. The purchaser may calculate the larger of the two costs, mileage or minimum charge. The minimum delivery charge (if used) shall not be added to the cost per mile calculation.

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All equipment will be delivered to the purchaser, FOB Destination, with transportation charges listed as a separate cost. Transportation charges from the dealer to the purchaser are exempt from city and state taxes.

The purchaser reserves the option to pick up the vehicle at the Contract Vendor's location and, prior to the scheduled delivery date, will advise the Contract Vendor accordingly.

**Warranty Repairs.** The Contract Vendor shall be the single contact through which Purchasers will arrange warranty work that is still covered under the Original Manufacturer's Warranty on the equipment that is purchased. The Purchaser reserves the right to require the work to be subcontracted if it facilitates and expedites the completion of the repair. All costs will be borne by the Contract Vendor on warranty repairs.

In the event that a new delivered unit fails after it has been put in service and cannot be used – and that unit is still covered under the Original Manufacturer's Equipment Warranty – the Contract Vendor will be solely responsible for providing resources to the Purchaser, or reimbursing any actual expenses incurred by the Purchaser, to avoid any interruption of service by the Purchaser. The Contract Vendor will work directly with the Manufacturer to recover its expenses incurred to service the Purchaser. Equipment may not be out-of-service beyond normal standards due to logistical or geographical constraints by the Contract Vendor.

**CONTRACT VENDOR RESPONSIBILITIES.** The Contract Vendor will be required to provide the following:

- a. Upon notification of Contract award, notify MnDOT of the names and addresses of the suppliers/manufacturers and the locations of the final assembly points for each vehicle, plus the contact person at said locations. In the event the final assembly of a vehicle process takes place in more than one location, the Contract Vendor shall so notify MnDOT and describe the final assembly processes to be performed at each location.
- b. If required by FTA Guidelines, make provisions for a Pilot Inspection, at the manufacturing plant before vehicle completion on one of each proposed vehicle type and size. Upon request, the representatives/inspectors will have access to vehicle drawings, material standards, parts lists, inspection processing and reports, and records of defects.
- c. Deliver the finished and fully equipped vehicle(s) to a designated audit/inspection site as listed on the Customer Purchase Order. As outlined in 49CFR663, for rural or urbanized areas of 200,000 people or fewer purchasing 20 or fewer vehicles, or large urbanized areas of over 200,000 people purchasing 10 or fewer vehicles, the Customer and Contract Vendor will arrange for one inspection to determine complete compliance of vehicle specifications. All Contract Vendor expenses for the inspection will be borne by the Contract Vendor.

As outlined in 49CFR663, for rural or urbanized areas of 200,000 people or fewer purchasing 21 or more, or large urbanized areas of over 200,000 people purchasing 11 or more, appropriate inspections will be conducted to ensure compliance with 49CFR663 - Post-delivery Audits of Rolling Stock. All Customer expenses for in-plant inspections will be borne by the Customer.

- d. Make arrangements to correct, or have corrected, any and all vehicle and/or included equipment deviations of specification requirements identified in the inspections. A vehicle will not be accepted until it passes all inspections.
- e. All of the equipment furnished with the vehicle shall be completely installed and all adjustments made that are required to prepare the vehicle and its equipment for immediate and continuous operation upon delivery.
- f. Each bus shall be delivered to the recipient within a time frame determined by the Responder's offer. Delivery will be in accordance with the delivery process described in Section VI of the detailed specifications of this document. An additional 30 days will be permitted for vehicles in excess of twenty (20) ordered at the same time.
- g. An estimated schedule for delivery to an inspection site on each vehicle sold in Minnesota shall be submitted to the Office of Transit.

- h. Each bus shall be complete and ready for service, and all documents required by specifications must be organized in a 3-ring binder, spiral bound, or similar secure format and delivered with the bus. Documents required by specifications are all chassis, body and major components (wheelchair lift and securements, heating and cooling, tires, etc.) operational manuals, warranty coverage and repair locations and contacts, and maintenance schedules. Optional Shop Manuals and Catalogs (Exhibit A & B, Optional Equipment #59) may be delivered to Customer within 60 days of delivery. The Contract Vendor shall assume all responsibilities and liabilities incident to such delivery.
- i. The Contract Vendor shall arrange for the complete correction of all defects occurring prior to acceptance of the vehicle. All defects occurring prior to acceptance of the vehicle shall be the responsibility of the Contract Vendor, and will be fully corrected at the Contract Vendor's expense and/or under applicable warranty, including transportation costs. Substantial corrections may require particular FMVSS recertification and/or extended warranties
- j. Delivery of a vehicle to the Purchaser will include providing information specific to the vehicle. See approved checklist in the appendix section of this RFP.
- k. The recipient shall conduct acceptance tests on the delivered bus to identify defects that have become apparent. Receipt of equipment shall not release the Contract Vendor for faulty materials or workmanship appearing even after final payment has been made.
- l. The recipient will notify the Office of Transit within seven working days after the delivery of the complete unit, whether or not the vehicle has been accepted. A letter of non-acceptance shall furnish details of the deficiencies. Acceptance of equipment shall not release the Contract Vendor for faulty materials or workmanship appearing even after the final payment has been made.
- m. The Contract Vendor shall be the single contact through which recipients will arrange warranty work.

### **Inspection Procedures**

Each bus shall be complete and ready for service, and all documents required by the specifications, e.g., schematics, floor plan, etc., must be provided with the bus upon delivery or pickup. The Contract vendor shall assume all responsibilities and liabilities incident to such a delivery or acceptance of the delivery.

As each bus becomes ready for delivery to Purchaser, the Contract Vendor will notify the designee at the Minnesota Office of Transit that it is ready for a contract specifications compliance inspection, unless the customer is not a recipient of grant funds through the Minnesota Office of Transit. The inspection will be conducted at Contract Vendor's location for all State and federal funded purchases.

The recipient of a State or federal funded purchase shall conduct acceptance tests on the delivered bus within seven (7) legal working days of receipt to identify defects that have become apparent. If payment has not been made by the Purchaser and defects have not been reconciled the Purchaser may hold payment, without penalty by the Contract Vendor, until all corrections have been made. Receipt of equipment shall not release the Contract Vendor for faulty materials or workmanship appearing after final payment has been made.

The bus specifications are intended to provide a general description for the purchase of:

### **NEW 2012-2013 MODEL YEAR BUSES WITH WHEELCHAIR LIFT AND SECUREMENT DEVICES**

The Purchaser intends to obtain a safe, reliable vehicle with an attractive interior and exterior design and excellent ride qualities. The bus will be used to transport the general public and will be equipped for persons with disabilities. Buses will be operated on all types of roadways at various speeds and will be started and stopped frequently, in both city and highway operations. Transit systems for which vehicles are procured are individually unique in system operations and require various bus sizes and seating configurations to meet individual needs.

**GENERAL REQUIREMENTS.** The equipment provided by the Contract Vendor must meet the following requirements:

- a. The bus shall comply with all requirements of the State of Minnesota as to lighting equipment, air pollution control equipment, and all warning and safety devices. The bus must comply with the Federal Motor Vehicle Safety Standards and Federal Motor Carrier Safety Regulations in effect at the time of manufacture.

**Contract Release: B-347(5)**

- b. The wheelchair securement positions must meet all federal and state requirements even if unintentionally omitted in these specifications. The preceding applies to any/or all other omissions (federal, state, or local) related to these specifications.**
- c. Responses should be accompanied by a description of the Responder's standard product, including brochures and detailed specifications.**
- d. The vehicle to be procured in accordance with the specifications and procedures set forth herein will be constructed following the same structural design and configuration as an equal vehicle previously tested and certified for service by the Pennsylvania Transportation Institute Bus Testing Facilities in Altoona, Pennsylvania, (a Federal Transit Administration sponsored facility). The test must have been conducted on the complete vehicle anticipating a minimum of:
  - Four/Five years or 100,000/150,000 miles of service for vehicles typified by accessible small and mid-sized body-on-chassis buses;**
  - Seven years or 200,000 miles of service for vehicles typified by medium duty mid-size buses, approximately 25 to 30 feet;**
  - Ten years or 350,000 miles of service for vehicles typified by heavy duty mid-size buses, approximately 30 feet; and**
  - Twelve years or 500,000 miles of service for vehicles typified by heavy duty transit buses, approximately 30 to 40 feet.****

**The manufacturer of the vehicle identified in response to these specifications will submit, with the response document, certification issued by the Altoona testing facility, unless an exception is granted in writing prior to the response opening based on previously submitted documents. A complete copy of the Altoona Test results must be on file at the Office of Transit. If a complete copy is already on file at the Office of Transit and a major component or configuration change occurs that produces a partial test, a copy of the final test report must be submitted with the response. A copy of the partial Altoona test results must be on file at the Office of Transit.**

- e. Materials used in the specified components of the vehicle's occupant compartment shall meet or exceed the burn resistance requirements set forth in FMVSS #302.**
- f. All equipment must meet the requirements of the American's with Disabilities Act.**
- g. If applicable, the portion of the purchase price of a motor vehicle to make it accessible to persons with disabilities is not subject to State of Minnesota sales tax. A sample form is provided in this RFP and must be completed for each vehicle.**
- h. Delivery costs are to be for loaded miles only. The Responder must state the starting location. Mileage distances will be determined from an official map of the United States. All deliveries shall be FOB destination.**
- i. All seating and wheelchair positions are in addition to the driver's seat. All wheelchair positions must be forward facing, accessible to the lift door. The lift door must be located on the right side of vehicle. All "flip seats" are to meet the requirements as outlined in the detailed specifications furnished with the RFP.**
- j. Each unit requires a specific combination of "options" for that unit only, which shall be included in the total price.**
- k. Vehicles in excess of 22 feet must meet ADA requirements for two wheelchair positions.**
- l. The Office of Freight and Commercial Vehicle Operations will inspect buses purchased by Special Transportation Service (STS) providers for STS compliance at the time of Office of Transit inspections. Other than STS providers, the Department of Public Safety conducts an inspection after the vehicle has been delivered to recipient.**
- m. There is no provision to negotiate with transit systems for vehicle trade-in allowances.**

<u>PRODUCT OR SERVICE</u>	<u>KLIN</u>	<u>SWIFT CODE</u>
Bus, Passenger, Small Transit	00001	25101502
Bus, Passenger, Medium Duty Accessible	00002	25101502
Bus, Optional Equipment	00003	25174800

**Following is a list of the Contract Vendors and the make and models that are offered:**

**Coach & Equipment Bus** **Contract No. 40754**

**Class 300/400 Vehicles:**

Coach and Equipment Phoenix, Phoenix AC, Phoenix XL, Phoenix SRW Buses on Ford Chassis  
Coach and Equipment Pegasus Bus on Chevrolet Chassis

**Daimler Buses North America** **Contract No. 40757**

**Class 700 Vehicles**

Orion VII Low Floor Diesel Heavy Duty Bus  
Orion VII Low Floor CNG Heavy Duty Bus  
Orion VII Low Floor BAE Hybrid Heavy Duty Bus  
Orion VII Low Floor Allison Hybrid Heavy Duty Bus

**Eldorado California** **Contract No. 40758**

**Class 700 Vehicles**

EIDorado E-Z Rider II Low Floor Heavy Duty Bus  
EIDorado XHF Standard Floor Heavy Duty Bus  
EIDorado Axxess Low Floor Heavy Duty Bus

**Eldorado Kansas** **Contract No. 40759**

**Class 300/400 Vehicles**

EIDorado Aerolite and Aerotech Buses on Ford and Chevrolet Chassis  
EIDorado Transtech Bus on Ford Chassis

**Class 500 / 600 Vehicles**

EIDorado Aero Elite Buses on International Chassis  
EIDorado Aero Elite Buses on Ford F550 Chassis

**Gillig, LLC** **Contract No. 40761**

**Class 700 Vehicles**

Gillig Low Floor Heavy Duty Bus

Hoglund Bus Company, Inc.

Contract No. 40762

Class 300/400 Vehicles:

Glaval Universal Bus on Ford Chassis  
Glaval Titan II Bus on Chevrolet Chassis  
Diamond Coach VIP and VIP 2500 Buses on Ford Chassis  
Turtle Top Van Terra Bus on Ford Chassis  
Turtle Top Terra Transport Bus on Chevrolet Chassis  
Turtle Top Odyssey Bus on Ford and Chevrolet Chassis  
Champion Crusader and Challenger Buses on Ford and Chevrolet Chassis  
Arboc Spirit of Mobility Bus on Chevrolet Chassis

Class 500/600 Vehicles:

Glaval Concorde II Bus on Ford F650 Chassis  
Glaval Entourage Bus on Ford F550 Chassis  
IC Corporation AC, HC, Defender, EZ Trans, RE Buses on International Chassis

New Flyer of America

Contract No. 40763

Class 700 Vehicles:

New Flyer Xcelior XD35 and XD40 Heavy Duty Bus

North Central Bus Equipment

Contract No. 40764

Discounts: 7 + Units - \$100 less on Base Price

Class 300/400 Vehicles:

Goshen Coach Pacer LS, Pacer II and GCII Buses on Ford Chassis  
Goshen Coach Pacer LS, Pacer II and GCII Buses on Chevrolet Chassis  
Elkhart Coach ECII Bus on Ford Chassis  
Supreme Candidate and Senator Buses on Ford Chassis  
Supreme Candidate and Senator Buses on Chevrolet Chassis  
Supreme E-Lo Floor Bus on Ford Chassis

Class 500/600 Vehicles:

Goshen Coach Sentinel Bus on International Chassis  
Goshen Coach G-Force Bus on Ford F450/F550 Chassis  
Supreme Senator HD Bus on Ford F550 Chassis

Nova Bus

Contract No. 40768

Class 700 Vehicles:

NOVA 40' and 60' LFS Diesel Heavy Duty Bus  
NOVA 40' and 60' LFS HEV Heavy Duty Bus

STANISLAUS COUNTY PUBLIC WORKS – TRANSIT DIVISION  
EL DORADO MEDIUM/HEAVY-DUTY LOW FLOOR CNG TRANSIT COACHES  
PURCHASE ORDER ATTACHMENT

This agreement is made by and between THE COUNTY OF STANISLAUS, hereinafter referred to as "COUNTY", and EL DORADO NATIONAL INC., hereinafter referred to as "CONTRACTOR". Witnesseth, that CONTRACTOR and COUNTY, for the consideration hereinafter named, agree as follows:

1. SCOPE OF WORKS

CONTRACTOR shall perform all work and furnish the labor, materials, tools, equipment, services and incidentals required under the Contract, in full accordance with the Minnesota Department of Transportation Contract Award Number 40763 dated January 31, 2012.

2. TIME OF PERFORMANCE

CONTRACTOR shall complete all of the work called for under this agreement, particularly described in Paragraphs 1 and 2 herein above, on or before December 31, 2013.

3. CONTRACT PRICE

CONTRACTOR shall faithfully perform each and every type of work required under this Agreement as stated in the Pricing Document attached hereto as Exhibit B and incorporated by reference. The amount to be paid per bus shall net exceed \$454,977. Any additions or subtractions from this Contract sum shall be made only in writing by authorized representatives of CONTRACTOR and COUNTY.

1. CONTRACT DOCUMENTS

This agreement shall consist of the following documents, each of which is on file in the Office of the County of Stanislaus Public Works – Transit Division, and all of which are incorporated herein and made as part of hereof by reference hereto, including all additions and deletions agreed to by both parties.

- Copy of Signed Notification of Contract Award to El Dorado National – California, Inc. dated January 30, 2012. Exhibit A
- Copy of Minnesota Department of Transportation Specification and Price Forms - Exhibit B
- Copy of Public Works – Transit Division Membership Application to Participate in the Cooperative Purchasing Venture (CPV). Exhibit C
- Copy of Cooperative Purchasing Agreement between MDOT – Materials Management Division and the County. Exhibit D
- Copy of Contract Release by MDOT – Materials Management Division outlining all vendors participating in the Contract. Exhibit E



## 2. SERVICE OF NOTICE

Any notice required or permitted to be given under this Agreement shall be deemed given when personally delivered to recipient thereof or mailed by registered or certified mail, return receipt requested, prepaid postage, to the appropriate recipient thereof, addressed as follows:

### CONTRACTOR:

Ms. Holly Piper  
Sales Administration Manager  
EIDorado National California, Inc.  
9670 Galena Street  
Riverside, CA 92509

909-591-9557

### COUNTY:

Eunice Lovi, Transit Manager  
Stanislaus County Public Works – Transit Division  
1010 10<sup>th</sup> Street, Suite 4204  
Modesto, CA 95354

Or at any address which either party may subsequently designate in writing to the other party.

## 3. GOVERNING LAW

Notwithstanding anything to the contrary that may be in MDOT – Materials Management Division Contract, this Agreement shall be governed and construed in accordance with the laws of the State of California. The parties agree that the venue for any court proceeding relating in any way to this Contract shall lie in Modesto California.

## 4. NON-DISCRIMINATION

CONTRACTOR shall comply with all applicable federal, state, and local laws, rules, and regulations in regard to non-discrimination in employment regardless of race, creed, color, sexual orientation, marital status, physical or mental disability, or national origin.

## 5. CHANGES AND MODIFICATIONS

This writing is intended both as the final expression of the Agreement between the parties hereto with respect to the included terms and as a complete and exclusive statement of the terms of the A, pursuant to CCP 1856. No modification of this Agreement shall be effective unless and until such modification is evidenced in writing signed by both parties. The total funding for this purchase may not exceed \$454,977 unless the COUNTY and CONTRACTOR agree in writing, to changes in or additions to the work plan.

**CONTRACTOR – EL DORADO NATIONAL - CALIFORNIA, INC.**

BY: Holly Piper

DATE: December 3, 2012

NAME: Holly Piper

TITLE: Sales Administration Manager

AS APPROVED TO FORM:

BY: Tony Wayne

DATE: December 3, 2012

NAME: Tony Wayne

TITLE: President

**COUNTY – COUNTY OF STANISLAUS PUBLIC WORKS –TRANSIT DIVISION**

BY: Elovi

DATE: December 18, 2012

NAME: Eunice Lovi

TITLE: Transit Manager

AS APPROVED TO FORM:

John P. Doering  
County

BY: Thomas E. Boze

Thomas E. Boze  
Deputy County Counsel

DATE: 12.6.12

Exhibit A



Materials Management Division  
 112 Administration Building  
 50 Sherburne Avenue  
 St. Paul, MN 55155  
 Voice: 651.201.2436  
 Fax: 651.297.3996

**NOTIFICATION OF CONTRACT AWARD**

To: Mr. Michael Ammann  
 Eldorado National – California, Inc.  
 9870 Galena Street  
 Riverside, CA 92509

CONTRACT NO: 40758  
 RELEASE NO: B-347(5)  
 CONTRACT PERIOD: January 27, 2012  
 Through December 31, 2012  
 EXTENSION OPTION: None

You are hereby notified that your response to our solicitation, which opened December 23, 2011, is accepted. This Contract Award includes all or part of the following products or services, as further specified in Exhibit A:

REBID - Buses: Transit Buses – 2012 Model Year Accessible Small and Mid-Sized Body-on-Chassis Buses and Purpose Built Medium/Heavy Duty Accessible Buses

The following documents, in order of precedence, are incorporated herein by reference and constitute the entire Contract between you and the State: (1) this Notification of Contract Award, together with Exhibit A and any attachments or subsequent purchase orders, amendments or similar documents; (2) the State's solicitation; and (3) your response. In the event of a conflict in language among any of these documents, the terms and conditions set forth and/or referenced in this Notification and any later executed documents shall prevail over conflicting terms and conditions contained in the earlier documents, in their original form or as amended.

**1. ELDORADO NATIONAL – CALIFORNIA, INC.**  
 The Contractor certifies that the appropriate person(s) have executed this Amendment on behalf of the Contractor as required by applicable articles, bylaws, resolutions, or ordinances.

By: [Signature]  
 Title: President  
 Date: 1/21/2012  
 By: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

**2. MATERIALS MANAGEMENT DIVISION**  
 In accordance with Minn. Stat. § 16C.03, Subd. 3.

By: [Signature]  
 Title: Acquisition Management Specialist  
 Date: 2/1/12

**3. COMMISSIONER OF ADMINISTRATION**  
 Or delegated representative.

Original signed  
 By: \_\_\_\_\_  
 Date: FEB 01 2012  
 By Brenda Willard

EIDorado National – California, Inc.

Contract No. 40758

STATE OF MINNESOTA  
MATERIALS MANAGEMENT DIVISION

PRICE CONTRACT  
EXHIBIT A

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As stated in the Notification of Contract Award, this Contract incorporates the terms, conditions and specifications of the solicitation and response at the prices offered.

TERMS: NET 30 DAYS

DELIVERY: 365 DAYS ARO

Class 700 Vehicles

EIDorado E-Z Rider II Low Floor Heavy Duty Bus  
EIDorado XHF Standard Floor Heavy Duty Bus  
EIDorado Axxess Low Floor Heavy Duty Bus

**OPTIONAL EQUIPMENT.** The prices submitted and contracted are for standard and optional equipment and are considered final. If a Purchaser determines that additional optional equipment is required, that optional equipment must be purchased separate and aside from the Contract and a separate purchase order is required. The Contract Vendor may not sell or add items that are not included on the Contract Price Schedule. Price adjustments to this Contract will only be approved through a fully executed Contract amendment.

**EXHIBIT B  
(Excel® Spread Sheet)**

**MINNESOTA DEPARTMENT OF TRANSPORTATION (Mn/DOT)**

**SPECIFICATION AND PRICE FORMS**

**2012-2013 MODEL YEAR PROCUREMENT FOR PURPOSE BUILT,  
MEDIUM/HEAVY DUTY ACCESSIBLE TRANSIT BUSES  
Approximately 25' TO 60'**

**INCLUDES THE FOLLOWING SECTIONS:**

**CONTRACT 40758**

**Detailed Specifications  
Price Sheets  
Options  
Technical Information  
Warranty Information**

- 2.13 YES Disc wheels will be required. Dual (4 total) rear wheels shall be provided on a single rear axle.
- 2.14 YES Tires will be radials with size appropriate to GVWR requirements and compatible with the warranty requirements of Section 6.0.
- 2.15 YES The front end shall be aligned and front wheels balanced after completion of body on chassis. A computerized alignment printout shall be supplied with vehicle.
- 2.16 YES Brakes - hydraulic brakes required for vehicle up to 30,000 pounds GVWR. Air brakes required for vehicles in excess of 30,000 pounds GVWR. Use largest OEM available and extended life brake linings, if available.
- 2.17 YES Suspension - matched to GVWR.

### 3. ELECTRICAL

- 3.01 NO 12 Volt system, battery(ies) with 1100 CCA's at 0 degrees (F) minimum. Batteries are 12-volt as required. However, coach electrical system is 24-volt.
- 3.02 YES Minimum 160 Amp alternator.
- 3.03 YES Skirt-mounted battery boxes, if provided, must allow maximum ground clearance possible. Battery compartments shall be constructed to prevent entrance of debris and allow adequate ventilation of vapors. Battery cables to be run full length with no splices.
- 3.04 YES Redundant ground between chassis and power unit at two locations.
- 3.05 YES Electrical wiring will be coded for easy identification. Junction panels will be located within a compartment with all circuit breakers and fuses easily accessible. The proposer will supply, with each vehicle, a complete set of fuses, including at least one (1) spare fuse of each type and size used in the vehicle, including fuses under the hood.
- 3.06 YES A set of individual, customized wiring diagrams, including coding, will be provided for and with each individual vehicle.

### 4. BODY CONSTRUCTION

- 4.01 YES Body Structure - Frame and body structures must meet Federal FMVSS #220 standard. Certification of Compliance with FMVSS #220 rollover protection shall be furnished with the proposal, along with a diagram of proposed structure, including floor members. In lieu of FMVSS #220, Purpose Built Medium/Heavy Duty buses will meet APTA Standard Bus Procurement Guidelines, Section 5.4.1.2-Crashworthiness.
- 4.02 YES Bus must meet FMVSS #217 Federal escape standards. Emergency side exits will include a minimum of one window per side, equipped with a safety release latch and swing out capability, in conformance with the operating characteristics of FMVSS# 217. Each emergency exit will have the designation "Emergency Exit" permanently affixed in a manner that will not loosen in normal vehicle operation.
- 4.03 YES Prior to final assembly, all metal parts shall be treated with multiple stage anti-corrosion treatment. All nuts, bolts, clips, washers, clamps, rivets and like parts will be zinc or cadmium plated, or phosphate coated, to prevent corrosion. Use stainless steel where practical.
- 4.04 YES Wherever threaded fasteners are attached into interior panels only, a reinforcing nut or panel will be installed for added strength and fastener retention.
- 4.05 YES Welding procedures used throughout the vehicle including materials, methods and personnel will be in accordance with ASTM and American Welding Society Standards.
- 4.06 YES All handrails, stanchions and auxiliary air conditioners, where attached to wall or ceiling, will be secured directly to the metal frame structure or to reinforcement plates which are secured directly to the frame or embedded securely in the body panels.

- 5.04 YES Driver's seat will be a fully adjustable high-back bucket seat, with right side arm rest, adjustable tilt back and lumbar support.
- 5.05 YES Seat materials - All seat materials must meet FMVSS #302. Cloth upholstery is standard with color to be selected by purchaser from several available colors or patterns.
- 5.06 YES Seat Belts - Must meet FMVSS #209 and #210. The driver's seat will be equipped with a retracting seat belt. All standard passenger seats will be equipped with under seat mounted retracting adult seat belts, except seats against rear of bus which will have non-retracting seat belts.
- 5.07 YES Seat belt cutter, capable of cutting supplied wheelchair securement straps without exposed cutting edge and not usable as a weapon.
- 5.08 YES Priority seating signs and all other ADA required signage must be in place.
- 5.09 YES Lift/Ramp - ADA approved, will meet or exceed requirements identified in APPENDIX section, and all State, Federal, ICC, and ADA. Fluid used will be Aircraft Hydraulic Fluid to meet U.S. Mil Spec H5606G. (Texaco #15 or Mobil Aero HFA or equivalent) Minimum clear dimensions for platform are 30" wide X 48" length.

Low floor buses with ramps.

Specify Mfg/Model:	<u>N/A</u>	<u>N/A</u>
Specify Mfg/Model:	<u>N/A</u>	<u>N/A</u>
Specify Mfg/Model:	<u>N/A</u>	<u>N/A</u>
Specify Ramp Mfg/Model:	<u>Ricon</u>	<u>FR2SS</u>
Specify Ramp Mfg/Model:	<u>                    </u>	<u>                    </u>

- 5.10 YES Wheelchair Securement Devices will be retractable automatic self-tensioning, self-locking with tightening knob(s) approved by the Minnesota Department of Public Safety and installed per State, Federal and ADA requirements. Wheelchair securements will be flush mounted on the floor, or approved equal. All wheelchair securement devices provided and the installation thereof, performance pursuant to these specifications, will meet or surpass the minimum standards per ADA requirements. Mounts must be ADA approved with shoulder harness. Shoulder harness shall be adjustable to compensate for some variations in size of wheelchair or passenger. At no time will the position of a wheelchair securement device or area, 30 inches wide per ADA specifications, when used with a standard (per ADA) wheelchair, reduce clear aisle space to less than the dimensions specified in this proposal (Section 1, part 1.03.).

Specify Mfg/Model:	<u>Q-Straint</u>	<u>QRT Deluxe #8100-A1</u>
Specify Mfg/Model:	<u>                    </u>	<u>                    </u>

- 5.11 YES Heating Systems - Dual; front and rear heating system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 0 degree. **Performance evaluation data confirming the specification will be supplied with the proposal.** Each heater will be fused and switched separately.
- 5.12 YES Air Conditioning System - Front and rear air conditioning system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 90 degrees. **Performance evaluation data confirming the specification will be supplied with the proposal.** Air Conditioning System will use non-corrusive, positive seal hose system to avoid leakage. Include winter protection cover for skirt mounted condenser.
- 5.13 YES Defroster fan - mounted on right side of dashboard or above windshield and controlled at driver's console.

5.14 Vehicle Lighting

- A. YES Day-time Running Lights.
- B. NO Interior Lighting - incandescent; six (6) overhead lights minimum in vehicles up to 25 feet and eight (8) overhead lights in vehicles in excess of 25 feet, controlled by driver. One light will illuminate drivers area. ElDorado National will be offering fluorescent interior lighting with interval HVAC ducting and advertising racks.

**6. SERVICE, WARRANTIES AND DELIVERY**

- 6.01 YES Maintenance and Inspection Schedule - a single comprehensive maintenance and inspection schedule for each type of vehicle for which a proposal is submitted, that incorporates the required maintenance and inspection of body, chassis, tires, wheelchair lift and other equipment and sub-systems, as prescribed by the respective manufacturers. The maintenance and inspections schedule will be supplied with each bus.
- 6.02 YES Quality - body manufacturer must meet chassis manufacturer's quality assurance program, if available. Certification from chassis manufacturer must be submitted with proposal for each chassis.
- 6.03 YES Tires will be covered by O.E.M warranty.
- 6.04 YES Wheelchair lift system will be covered by O.E.M warranty.
- 6.05 YES Bus chassis will be covered by O.E.M. warranty.
- 6.06 YES Body structure materials and workmanship will be covered by O.E.M. warranty.
- 6.07 YES Installation, labor and workmanship (including electrical) performed by the body manufacturer, final stage manufacturer or vendor (if vendor installs components or otherwise completes vehicle) will be covered by O.E.M. warranty.
- 6.08 YES All other components and accessory equipment will be covered by a warranty of at least one (1) year/12,000 miles, unless covered by an applicable manufacturer's warranty exceeding this. The contract vendor will assist as needed in coordinating repairs within the warranty period for each component and applicable warranty.
- 6.09 YES The responder will provide a report of all warranties and excluded warranties associated with each vehicle.
- 6.10 YES During established warranty periods, the contract vendor and respective manufacturer will furnish all warranty parts at no cost to the transit system. Replacement costs, parts and assemblies will be made without delay.
- 6.11 YES The contract vendor will provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications. The specifications and applicable motor vehicle regulations inspection(s) must be completed prior to the delivery and acceptance of the vehicle.
- 6.12 YES Prior to releasing the vehicle to the recipient, the contract vendor will provide hands on instructions, by a qualified and experienced employee, in the proper and safe operation of all mechanical, electrical, and hydraulic components in the vehicle. A list of topics is provided in Appendix 12. Towing procedures must be included in the instruction. The recipient's driver/designee will conduct an operational familiarization test drive with the contract vendor's employee.



- 2.13 YES Disc wheels will be required. Dual (4 total) rear wheels shall be provided on a single rear axle.
- 2.14 YES Tires will be radials with size appropriate to GVWR requirements and compatible with the warranty requirements of Section 6.0.
- 2.15 YES The front end shall be aligned and front wheels balanced after completion of body on chassis. A computerized alignment printout shall be supplied with vehicle.
- 2.16 YES Brakes - hydraulic brakes required for vehicle up to 30,000 pounds GVWR. Air brakes required for vehicles in excess of 30,000 pounds GVWR. Use largest OEM available and extended life brake linings, if available.
- 2.17 YES Suspension - matched to GVWR.

3. ELECTRICAL

- 3.01 NO 12 Volt system, battery(ies) with 1100 CCA's at 0 degrees (F) minimum. Batteries are 12-volt as required. However, coach electrical system is 24-volt
- 3.02 YES Minimum 160 Amp alternator.
- 3.03 YES Skirt-mounted battery boxes, if provided, must allow maximum ground clearance possible. Battery compartments shall be constructed to prevent entrance of debris and allow adequate ventilation of vapors. Battery cables to be run full length with no splices.
- 3.04 YES Redundant ground between chassis and power unit at two locations.
- 3.05 YES Electrical wiring will be coded for easy identification. Junction panels will be located within a compartment with all circuit breakers and fuses easily accessible. The proposer will supply, with each vehicle, a complete set of fuses, including at least one (1) spare fuse of each type and size used in the vehicle, including fuses under the hood.
- 3.06 YES A set of individual, customized wiring diagrams, including coding, will be provided for and with each individual vehicle.

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- 4.02 YES Bus must meet FMVSS #217 Federal escape standards. Emergency side exits will include a minimum of one window per side, equipped with a safety release latch and swing out capability, in conformance with the operating characteristics of FMVSS# 217. Each emergency exit will have the designation "Emergency Exit" permanently affixed in a manner that will not loosen in normal vehicle operation.
- 4.03 YES Prior to final assembly, all metal parts shall be treated with multiple stage anti-corrosion treatment. All nuts, bolts, clips, washers, clamps, rivets and like parts will be zinc or cadmium plated, or phosphate coated, to prevent corrosion. Use stainless steel where practical.
- 4.04 YES Wherever threaded fasteners are attached into interior panels only, a reinforcing nut or panel will be installed for added strength and fastener retention.
- 4.05 YES Welding procedures used throughout the vehicle including materials, methods and personnel will be in accordance with ASTM and American Welding Society Standards.

6. VEHICLE FEATURES

- 5.01 YES Seating - Standard floor plans are required with the proposal. Detailed floor plans are required with vehicle orders. Exceptions to capacity required to meet other specifications must be noted.
- 5.02 YES Passenger Seats - Forward-facing medium-back (21-26" from top of seat cushion to top of seat back) double seats secured to the vehicle floor in accordance with FMVSS# 207. Seats will have a minimum of 17 inch cushion width and depth per person. All buses to have track type seat anchorages, to allow users to easily rearrange seating configurations. Perimeter seating allowed on purpose built transit buses.
- 5.03 YES All flip seats and fold-away seats are to be double (two-passenger) forward facing seats, unless otherwise specified.
- 5.04 YES Driver's seat will be a fully adjustable high-back bucket seat, with right side arm rest, adjustable tilt back and lumbar support.
- 5.05 YES Seat materials - All seat materials must meet FMVSS #302. Cloth upholstery is standard with color to be selected by purchaser from several available colors or patterns.
- 5.06 YES Seat Belts - Must meet FMVSS #209 and #210. The driver's seat will be equipped with a retracting seat belt. All standard passenger seats will be equipped with under seat mounted retracting adult seat belts, except seats against rear of bus which will have non-retracting seat belts.
- 5.07 YES Seat belt cutter, capable of cutting supplied wheelchair securement straps without exposed cutting edge and not usable as a weapon.
- 5.08 YES Priority seating signs and all other ADA required signage must be in place.
- 5.09 YES Lift/Ramp - ADA approved, will meet or exceed requirements identified in APPENDIX section, and all State, Federal, ICC, and ADA. Fluid used will be Aircraft Hydraulic Fluid to meet U.S. Mil Spec H5606G. (Texaco #15 or Mobil Aero HFA or equivalent) Minimum clear dimensions for platform are 30" wide X 48" length.
 

Specify Mfg/Model	N/A	N/A
Specify Mfg/Model	N/A	N/A
Specify Mfg/Model	N/A	N/A
Specify Ramp Mfg/Model	Ricon	FR2SS
Specify Ramp Mfg/Model		
- 5.10 YES Wheelchair Securement Devices will be retractable automatic self-tensioning, self-locking with tightening knob(s) approved by the Minnesota Department of Public Safety and installed per State, Federal and ADA requirements. Wheelchair securements will be flush mounted on the floor, or approved equal. All wheelchair securement devices provided and the installation thereof, performance pursuant to these specifications, will meet or surpass the minimum standards per ADA requirements. Mounts must be ADA approved with shoulder harness. Shoulder harness shall be adjustable to compensate for some variations in size of wheelchair or passenger. At no time will the position of a wheelchair securement device or area, 30 inches wide per ADA specifications, when used with a standard (per ADA) wheelchair, reduce clear aisle space to less than the dimensions specified in this proposal (Section 1, part 1.03.).
 

Specify Mfg/Model	Q-Straint	QRT Deluxe #B100-A1
Specify Mfg/Model		
- 5.11 YES Heating Systems - Dual; front and rear heating system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 0 degree. Performance evaluation data confirming the specification will be supplied with the proposal. Each heater will be fused and switched separately.
- 5.12 YES Air Conditioning System - Front and rear air conditioning system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 90 degrees. Performance evaluation data confirming the specification will be supplied with the proposal. Air Conditioning System will use non-corrosive, positive seal hose system to avoid leakage. Include winter protection cover for skirt mounted condenser.
- 5.13 YES Defroster fan - mounted on right side of dashboard or above windshield and controlled at driver's console.

**8. SERVICE, WARRANTIES AND DELIVERY**

- 6.01 YES Maintenance and Inspection Schedule - a single comprehensive maintenance and inspection schedule for each type of vehicle for which a proposal is submitted, that incorporates the required maintenance and inspection of body, chassis, tires, wheelchair lift and other equipment and sub-systems, as prescribed by the respective manufacturers. The maintenance and inspections schedule will be supplied with each bus.
- 6.02 YES Quality - body manufacturer must meet chassis manufacturer's quality assurance program, if available. Certification from chassis manufacturer must be submitted with proposal for each chassis.
- 6.03 YES Tires will be covered by O.E.M warranty.
- 6.04 YES Wheelchair lift system will be covered by O.E.M warranty.
- 6.05 YES Bus chassis will be covered by O.E.M. warranty
- 6.06 YES Body structure materials and workmanship will be covered by O.E.M. warranty.
- 6.07 YES Installation, labor and workmanship (including electrical) performed by the body manufacturer, final stage manufacturer or vendor (if vendor installs components or otherwise completes vehicle) will be covered by O.E.M. warranty.
- 6.08 YES All other components and accessory equipment will be covered by a warranty of at least one (1) year/12,000 miles, unless covered by an applicable manufacturer's warranty exceeding this. The contract vendor will assist as needed in coordinating repairs within the warranty period for each component and applicable warranty.
- 6.09 YES The responder will provide a report of all warranties and excluded warranties associated with each vehicle.
- 6.10 YES During established warranty periods, the contract vendor and respective manufacturer will furnish all warranty parts at no cost to the transit system. Replacement costs, parts and assemblies will be made without delay.
- 6.11 YES The contract vendor will provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications. The specifications and applicable motor vehicle regulations inspection(s) must be completed prior to the delivery and acceptance of the vehicle.
- 6.12 YES Prior to releasing the vehicle to the recipient, the contract vendor will provide hands on instructions, by a qualified and experienced employee, in the proper and safe operation of all mechanical, electrical, and hydraulic components in the vehicle. A list of topics is provided in Appendix 12. Towing procedures must be included in the instruction. The recipient's driver/designee will conduct an operational familiarization test drive with the contract vendor's employee.

- 2.13 YES Disc wheels will be required. Dual (4 total) rear wheels shall be provided on a single rear axle.
- 2.14 YES Tires will be radials with size appropriate to GVWR requirements and compatible with the warranty requirements of Section 6.0.
- 2.15 YES The front end shall be aligned and front wheels balanced after completion of body on chassis. A computerized alignment printout shall be supplied with vehicle.
- 2.16 YES Brakes - hydraulic brakes required for vehicle up to 30,000 pounds GVWR. Air brakes required for vehicles in excess of 30,000 pounds GVWR. Use largest OEM available and extended life brake linings, if available.
- 2.17 YES Suspension - matched to GVWR.
- 3. ELECTRICAL**
- 3.01 YES 12 Volt system, battery(ies) with 1100 CCA's at 0 degrees (F) minimum.
- 3.02 YES Minimum 160 Amp alternator.
- 3.03 YES Skirt-mounted battery boxes, if provided, must allow maximum ground clearance possible. Battery compartments shall be constructed to prevent entrance of debris and allow adequate ventilation of vapors. Battery cables to be run full length with no splices.
- 3.04 YES Redundant ground between chassis and power unit at two locations.
- 3.05 YES Electrical wiring will be coded for easy identification. Junction panels will be located within a compartment with all circuit breakers and fuses easily accessible. The proposer will supply, with each vehicle, a complete set of fuses, including at least one (1) spare fuse of each type and size used in the vehicle, including fuses under the hood.
- 3.06 YES A set of individual, customized wiring diagrams, including coding, will be provided for and with each individual vehicle.
- 4. BODY CONSTRUCTION**
- 4.01 YES Body Structure - Frame and body structures must meet Federal FMVSS #220 standard. Certification of Compliance with FMVSS #220 rollover protection shall be furnished with the proposal, along with a diagram of proposed structure, including floor members. In lieu of FMVSS #220, Purpose Built Medium/Heavy Duty buses will meet APTA Standard Bus Procurement Guidelines, Section 5.4.1.2-Crashworthiness.
- 4.02 YES Bus must meet FMVSS #217 Federal escape standards. Emergency side exits will include a minimum of one window per side, equipped with a safety release latch and swing out capability, in conformance with the operating characteristics of FMVSS# 217. Each emergency exit will have the designation "Emergency Exit" permanently affixed in a manner that will not loosen in normal vehicle operation.
- 4.03 YES Prior to final assembly, all metal parts shall be treated with multiple stage anti-corrosion treatment. All nuts, bolts, clips, washers, clamps, rivets and like parts will be zinc or cadmium plated, or phosphate coated, to prevent corrosion. Use stainless steel where practical.
- 4.04 YES Wherever threaded fasteners are attached into interior panels only, a reinforcing nut or panel will be installed for added strength and fastener retention.
- 4.05 YES Welding procedures used throughout the vehicle including materials, methods and personnel will be in accordance with ASTM and American Welding Society Standards.

5. VEHICLE FEATURES

- 5.01 YES Seating - Standard floor plans are required with the proposal. Detailed floor plans are required with vehicle orders. Exceptions to capacity required to meet other specifications must be noted.
- 5.02 YES Passenger Seats - Forward-facing medium-back (21-26" from top of seat cushion to top of seat back) double seats secured to the vehicle floor in accordance with FMVSS# 207. Seats will have a minimum of 17 inch cushion width and depth per person. All buses to have track type seat anchorages, to allow users to easily rearrange seating configurations. Perimeter seating allowed on purpose built transit buses.
- 5.03 YES All flip seats and fold-away seats are to be double (two-passenger) forward facing seats, unless otherwise specified.
- 5.04 YES Driver's seat will be a fully adjustable high-back bucket seat, with right side arm rest, adjustable tilt back and lumbar support.
- 5.05 YES Seat materials - All seat materials must meet FMVSS #302. Cloth upholstery is standard with color to be selected by purchaser from several available colors or patterns.
- 5.06 YES Seat Belts - Must meet FMVSS #209 and #210. The driver's seat will be equipped with a retracting seat belt. All standard passenger seats will be equipped with under seat mounted retracting adult seat belts, except seats against rear of bus which will have non-retracting seat belts.
- 5.07 YES Seat belt cutter, capable of cutting supplied wheelchair securement straps without exposed cutting edge and not usable as a weapon.
- 5.08 YES Priority seating signs and all other ADA required signage must be in place.
- 5.09 YES Lift/Ramp - ADA approved, will meet or exceed requirements identified in APPENDIX section, and all State, Federal, ICC, and ADA. Fluid used will be Aircraft Hydraulic Fluid to meet U.S. Mil Spec H5608G. (Texaco #15 or Mobil Aero HFA or equivalent) Minimum clear dimensions for platform are 30" wide X 48" length.

Low floor buses with ramps.

Specify Mfg/Model:	Ricon	#S-2005
Specify Mfg/Model:	N/A	N/A
Specify Mfg/Model:	N/A	N/A
Specify Ramp Mfg/Model	N/A	N/A
Specify Ramp Mfg/Model		

- 5.10 YES Wheelchair Securement Devices will be retractable automatic self-tensioning, self-locking with tightening knob(s) approved by the Minnesota Department of Public Safety and installed per State, Federal and ADA requirements. Wheelchair securements will be flush mounted on the floor, or approved equal. All wheelchair securement devices provided and the installation thereof, performance pursuant to these specifications, will meet or surpass the minimum standards per ADA requirements. Mounts must be ADA approved with shoulder harness. Shoulder harness shall be adjustable to compensate for some variations in size of wheelchair or passenger. At no time will the position of a wheelchair securement device or area, 30 inches wide per ADA specifications, when used with a standard (per ADA) wheelchair, reduce clear aisle space to less than the dimensions specified in this proposal (Section 1, part 1.03).

Specify Mfg/Model:	Q-Straint	QRT Deluxe #6100-A1
Specify Mfg/Model:		

- 5.11 YES Heating Systems - Dual; front and rear heating system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 0 degree. Performance evaluation data confirming the specification will be supplied with the proposal. Each heater will be fused and switched separately.
- 5.12 YES Air Conditioning System - Front and rear air conditioning system able to maintain a range of 65 to 70 degrees, measured about 12 inches off the floor with an ambient temperature of 90 degrees. Performance evaluation data confirming the specification will be supplied with the proposal. Air Conditioning System will use non-corraive, positive seal hose system to avoid leakage. Include winter protection cover for skirt mounted condenser.
- 5.13 YES Defroster fan - mounted on right side of dashboard or above windshield and controlled at driver's console.

**6. SERVICE, WARRANTIES AND DELIVERY**

- 6.01 YES Maintenance and Inspection Schedule - a single comprehensive maintenance and inspection schedule for each type of vehicle for which a proposal is submitted, that incorporates the required maintenance and inspection of body, chassis, tires, wheelchair lift and other equipment and sub-systems, as prescribed by the respective manufacturers. The maintenance and inspections schedule will be supplied with each bus.
- 6.02 YES Quality - body manufacturer must meet chassis manufacturer's quality assurance program, if available. Certification from chassis manufacturer must be submitted with proposal for each chassis.
- 6.03 YES Tires will be covered by O.E.M warranty.
- 6.04 YES Wheelchair lift system will be covered by O.E.M warranty.
- 6.05 YES Bus chassis will be covered by O.E.M. warranty.
- 6.06 YES Body structure materials and workmanship will be covered by O.E.M. warranty.
- 6.07 YES Installation, labor and workmanship (including electrical) performed by the body manufacturer, final stage manufacturer or vendor (if vendor installs components or otherwise completes vehicle) will be covered by O.E.M. warranty.
- 6.08 YES All other components and accessory equipment will be covered by a warranty of at least one (1) year/12,000 miles, unless covered by an applicable manufacturer's warranty exceeding this. The contract vendor will assist as needed in coordinating repairs within the warranty period for each component and applicable warranty.
- 6.09 YES The responder will provide a report of all warranties and excluded warranties associated with each vehicle.
- 6.10 YES During established warranty periods, the contract vendor and respective manufacturer will furnish all warranty parts at no cost to the transit system. Replacement costs, parts and assemblies will be made without delay.
- 6.11 YES The contract vendor will provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications. The specifications and applicable motor vehicle regulations inspection(s) must be completed prior to the delivery and acceptance of the vehicle.
- 6.12 YES Prior to releasing the vehicle to the recipient, the contract vendor will provide hands on instructions, by a qualified and experienced employee, in the proper and safe operation of all mechanical, electrical, and hydraulic components in the vehicle. A list of topics is provided in Appendix 12. Towing procedures must be included in the instruction. The recipient's driver/designee will conduct an operational familiarization test drive with the contract vendor's employee.

**Pricing Page**  
**Heavy Duty Transit Bus**  
**12-YEAR ALTOONA TESTED BUS at a Minimum**  
**Approximately 25' - 60'**  
**2012**

CONTRACT 40758

**Vendor** EIDorado National - California, Inc.  
**Manufacturer** EIDorado National California, Inc.  
**Model** E-Z Rider II

List the various wheelbases available  
 Insert the base price under the various wheelbases

Wheelbase		160"	168"	220"		
GVWR		31,280 lbs.	31,280 lbs.	34,000 lbs.		
10.01	12 seats + 2 WC	\$273,872.00				
10.02	16 seats + 2 WC		\$278,250.00			
10.03	20 seats + 2 WC		\$279,282.00			
10.04	24 seats + 2 WC		\$280,282.00			
10.05	28 seats + 2WC			\$284,418.00		
Other						
Floor						
Plans						

15.01	DELIVERY/FREIGHT charge from Manufacturer to vendor	Include in base price of vehicle
16.01	One-way delivery cost, <i>per mile</i> , from vendor to recipient's destination (Include cost for one hour recipient orientation)	\$1.90
17.01	Delivery time frame(days) after receipt of Purchase Order	365 Days

**Manufacturer's Government Price Concession (GPC)**

List the GPC for State of Minnesota  
 Model E-Z Rider II Amount \$0  
 Model \_\_\_\_\_ Amount \_\_\_\_\_

Does the GPC vary by ordering state? Yes \_\_\_\_\_ No X

If the answer is yes, the State must be notified of the GPC for the state ordering the vehicle, by model number.

The base price of the unit ordered may require a price adjustment -- up or down -- depending on the revised GPC for the ordering state government.

Estimated number of units to be ordered 3  
 Minimum 1  
 Maximum 650

**OPTIONAL EQUIPMENT AND CONFIGURATIONS TO BE INCLUDED WITH  
2012 PROCUREMENT SPECIFICATIONS FOR ACCESSIBLE  
MEDIUM DUTY AND HEAVY DUTY TRANSIT BUSES**

**OPTIONS FOR THE AXESS 35'/40' - LOW-FLOOR BUS**

Red - Changes for 2012

Instructions to Proposers: The proposer will offer a separate price for each of the following optional equipment items. Indicate "STD" if the option indicated is a standard feature, or "NC" if the option is not standard but is available at no additional cost. Indicate "N/A" if the option is not available. "TBD" (To Be Determined) or "quote" is not allowed to be used in pricing. If an option would result in a price deduct or a credit to the standard price, the proposer is to indicate the dollar amount in parentheses () and mark "deduct" next to the price. Indicate any limitations, conditions or exceptions. Options that create limitations to warranties must be so noted.

It is understood that the availability of some options may be limited by the combination of size, weight, seating and other options selected for each vehicle. The availability of some chassis options as add-on options may be limited.

**All prices shall reflect cost difference of proposed item.**

**Chassis Options**

1	Diesel engine Manufacturer _____ Model _____ Displacement _____ H.P. Rating _____ Torque Rating _____ Transmission Compatible _____ In lieu of proposed engine price _____		
	Diesel engine Manufacturer _____ Model _____ Displacement _____ H.P. Rating _____ Torque Rating _____ Transmission Compatible _____ In lieu of proposed engine price _____		
	Diesel engine Manufacturer _____ Model _____ Displacement _____ H.P. Rating _____ Torque Rating _____ Transmission Compatible _____ In lieu of proposed engine price _____		
2	Gas engine Option Manufacturer _____ Model _____ Displacement _____ H.P. Rating _____ Torque Rating _____ Transmission Compatible _____ Inclusions _____ List: _____ In lieu of proposed engine price _____		
	CNG engine Option Manufacturer <u>Cummins</u> Model <u>ISL G, (CNG)</u> Displacement <u>8.9 Liters</u> H.P. Rating <u>280 h.p.</u> Torque Rating <u>900 lb Ft. @ 1,300 RPM</u> Transmission Compatible <u>B400R</u> Inclusions _____ List: _____ In lieu of proposed engine price _____	(This option includes the complete CNG system with fire suppression & methane detection and six (6) tank CNG pod. Note: Must order Option #43, A. - rear mounted T11 or T14 HVAC system.)	<u>\$47,292.00</u> (Deduct)
	A. Delete Fast Idle		
	B. Electric Cooling for Diesel Engine	Specify <sup>23</sup> <u>EMP Mini-hybrid cooling system</u>	<u>\$7,540.00</u>



C.	Air Dryer	Specify: <u>Dual Bendix AD-9</u>	<u>Standard</u>
8	Tires and Wheels		
A.	Tire pressure monitoring system (monitors tire pressure for rear duals and has a singleairing point that fills both tires at the same time.		<u>\$234.00</u>
B.	Extended valve stems on rear wheels		<u>\$25.00</u>
C.	Spare tire and rim to match other wheels provided		<u>\$957.00</u>
	Delete if Standard	(Deduct)	<u>N/A</u>
	<b>Spare tire and aluminum wheel</b>		<u><b>\$1,282.00</b></u>
	1. Rim painted white		
	a. Outside		<u>N/A</u>
	b. Both Sides		<u>Standard</u>
	2. Stainless Steel Wheel Inserts		<u>\$850.00</u>
D.	Optional Wheels	Specify <u>Aluminum wheels (6)</u>	<u>\$2,378.00</u>
		Specify _____	_____
	Aluminum wheels with AccuShield finish upgrade (per wheel price)		<u>\$902.00</u>
	Wheels powder coated both sides; per tire; limited colors		<u>\$350.00</u>
	Hubdometer		<u>\$130.00</u>
	Hubdometer - Veeder Root electronic		<u>\$220.00</u>
	Floor mounted directional signals		<u>\$250.00</u>
	Oil seals on front hubs		<u>\$100.00</u>
	Front and rear yellow painted lift pads		<u>\$100.00</u>
	Automatic traction control		<u>\$100.00</u>
	Center mud flap section		<u>\$100.00</u>
9	A. Coolant Heaters (e.g. Webasto, Espar, etc.)		
	Heaters must exhaust in compliance with FMCSR 393.83		
		Specify Mfg <u>Spheros (Webasto)</u>	<u>\$2,933.00</u>
			<u>Thermo 300; 104,000 BTU</u>
	Timer		<u>Std. with option</u>
		Specify Mfg <u>Spheros (Webasto) - CNG</u>	<u>\$5,242.00</u>
	Timer		<u>Std. with option</u>
		Specify Mfg <u>Pro-Heat 88,000 BTU</u>	<u>\$2,397.00</u>
	Timer		<u>Std. with option</u>
	B. Coolant Auxiliary Circulating Pump	Specify Mfg <u>Ametek</u>	<u>Standard</u>
10	Braking Help Options		
A.	Driveline retarder (e.g. Telma, etc.)	Specify _____	<u>N/A</u>
		Specify _____	<u>N/A</u>
B.	Brake Assist systems (e.g. Brakeright, etc.)	Specify _____	<u>N/A</u>
		Specify _____	<u>N/A</u>
	<b>Teleflex adjustable control pedals</b>		<u><b>\$986.00</b></u>
	<b>Electrical Options</b>		
11	Battery box w/sliding tray capable of supporting two (2) batteries.		<u>N/A</u>
A.	Battery box w/stainless sliding tray capable of supporting two (2) batteries.		<u>Standard</u>
	Four Odyssey brand group 31 batteries		<u>\$1,140.00</u>
	Four Delco brand group 31 batteries		<u>\$156.00</u>
	Four Bosch brand group 31 batteries		<u>\$810.00</u>
	4/0 battery cables		<u>\$350.00</u>
	Anderson jump-start connector in rear engine compartment with dust cap		<u>\$186.00</u>
12	Alternator(s) - In lieu of standard	Specify Amps: <u>Neihoff - 300 amp</u>	<u>(\$96.00)</u>
		Specify Amps: _____	_____

20	A. Romeo Rim "help" bumper - provide specifications		
	a. Front		<u>Standard</u>
	b. Rear		<u>Standard</u>
	B. Other Bumper - provide specifications	Specify <u>Transpac</u>	<u>No charge</u>
	<b>Sidewall mounted rub rails</b>		<u>\$276.00</u>
	<b>Front license plate mounting provision</b>		<u>\$33.00</u>
21	Antenna ground plane, minimum 18 inch square or 18 inch diameter for UHF, 40 inch for VHF X 1/16th inch thick steel plate, attached to roof of body. Customer will supply antenna.	18"	No charge
		40"	No charge
	A. Conduit for additional wiring - large enough to hold coaxial cable.		\$176.00
	B. Metal mounting plate for 2-way radio - location to be specified		\$50.00
	<b>Two way radio 12-volt and antenna pre-wiring</b>		<u>\$239.00</u>
22	Roof ventilation/escape hatch		
	Specify make & model	<u>Specialty Manufacturing - over rear axle</u>	<u>Standard</u>
	Specify make & model	<u>Specialty Manufacturing - over front axle, (manual)</u>	<u>\$355.00</u>
		<u>Specialty Manufacturing - over front axle, (electric)</u>	<u>\$580.00</u>
	<b>Roof hatch alarm</b>		<u>\$180.00</u>
23	Passenger Entrance		
	A. Manual passenger door with lock or latch to prevent accidental opening and to prevent entrance from the exterior when the door is closed and latched (Deduct)		<u>N/A</u>
	B. Easy access door above passenger door for maintenance of powered door		<u>Standard</u>
	C. Push button switch for door light, mounted above passenger door		<u>N/A</u>
	D. Exterior key entry		<u>N/C option</u>
	E. Stepwell Material Option		
	Stainless Steel		<u>\$650.00</u>
	Composite		<u>N/A</u>
24	Passenger door with a minimum of a 36" wide opening	Specify width:	
		<u>Add 34" clear opening center door</u>	<u>Included</u>
		<u>Delete center door, (front door only)</u>	<u>-\$4,183.00</u>
		<u>Add additional street-side center door</u>	<u>\$4,183.00</u>
	<b>Vapor Amedview doors (front &amp; rear)</b>		<u>\$872.00</u>
	<b>Vapor Cityview hidden frame doors (front &amp; rear)</b>		<u>\$2,241.00</u>
	<b>Sensitive door edge front door</b>		<u>\$240.00</u>
	<b>LED green light at rear door</b>		<u>\$80.00</u>
	<b>Touch bars or caps on center doors with green LED light</b>		<u>\$150.00</u>
	<b>Vapor GLASS system all door (per door)</b>		<u>\$1,100.00</u>
	<b>Vapor electric door solenoid (per door)</b>		<u>\$70.00</u>
	<b>Front door air dump valve for driver</b>		<u>No charge</u>
	<b>Dialer automatic passenger counting system (APC), on bus hardware only</b>		<u>\$4,200.00</u>
	<b>UTA automatic passenger counting system, on bus hardware only</b>		<u>\$3,832.00</u>
25	Passenger door with 30" or less opening If deduct, put \$ amount in parentheses()		<u>No charge</u>
28	Emergency Door - Rear emergency exit door, with window, designated "Emergency Door" or "Emergency Exit," permanently affixed in a manner that will not loosen in normal vehicle operation. Emergency doors must also be identified by a red light. Emergency door latch must have an exterior lock, but can be opened at all times from the interior. Windows to be installed on both sides of rear emergency exit door.		<u>N/A</u>

Freedman Angel single fixed with wool insert	\$282.00
Freedman Angel single flip with wool insert	\$400.00
Freedman Angel double forward facing foldaway with wool insert	\$1,200.00
Freedman Angel anti vandal insert upgrade	Standard
Freedman Angel grab handle	Included
<hr/>	
Freedman GoSeat single fixed with level 1 insert	\$160.00
Freedman GoSeat single flip with level 1 insert	\$204.00
Freedman GoSeat double forward facing foldaway with level 1 insert	\$696.00
Freedman GoSeat level 4 insert upgrade	\$38.00
Freedman GoSeat level 5 insert upgrade	\$45.00
Freedman GoSeat level 6 insert upgrade	\$65.00
Freedman GoSeat wool fabric insert upgrade	\$104.00
Freedman GoSeat anti vandal insert upgrade	NA
Freedman GoSeat grab handle	\$35.00

<i>Optional American Seating passenger seats without steel belts *requires option to delete base floorplan seats</i>	
American Metropolitan 1Pass transverse seat with VR60 insert	\$417.00
American Metropolitan 2Pass transverse seat with VR60 insert	\$627.00
American Metropolitan 2Pass rear cross seat with VR60 insert (non-hinged)	\$357.00
American Metropolitan 1Pass longitudinal seat with VR60 insert	\$458.00
American Metropolitan 2Pass longitudinal seat with VR60 insert	\$673.00
American Metropolitan 2Pass longitudinal seat with VR60 insert	\$673.00
American Metropolitan 1Pass longitudinal flip-up seat with VR60 insert	\$492.00
American Metropolitan 2Pass longitudinal flip-up seat with VR60 insert	\$737.00
American Metropolitan 2Pass longitudinal flip-up seat with VR60 insert	\$737.00
American Metropolitan 2Pass transverse flip-up seat with VR60 insert	\$572.00
American Metropolitan 2Pass transverse R-Z fold flip seat with VR60 insert	\$572.00
American Metropolitan arm rest	\$18.00

American 4445 1Pass transverse seat with VR60 insert	\$402.00
American 4445 2Pass transverse seat with VR60 insert	\$612.00
American 4445 2Pass rear cross seat with VR60 insert (non-hinged)	\$357.00
American 4445 1Pass longitudinal seat with VR60 insert	\$487.00
American 4445 2Pass longitudinal seat with VR60 insert	\$702.00
American 4445 2Pass longitudinal seat with VR60 insert	\$702.00
American 4445 1Pass longitudinal flip-up seat with VR60 insert	\$527.00
American 4445 2Pass longitudinal flip-up seat with VR60 insert	\$772.00
American 4445 2Pass longitudinal flip-up seat with VR60 insert	\$772.00
American 4445 2Pass transverse flip-up seat with VR60 insert	\$607.00
American 4445 2Pass transverse R-Z fold flip seat with VR60 insert	\$607.00
American 4445 arm rest	\$18.00

American Insight 1Pass transverse seat with VR60 insert	\$422.00
American Insight 2Pass transverse seat with VR60 insert	\$632.00
American Insight 2Pass rear cross seat with VR60 insert (non-hinged)	\$367.00
American Insight 1Pass longitudinal seat with VR60 insert	\$502.00
American Insight 2Pass longitudinal seat with VR60 insert	\$717.00
American Insight 2Pass longitudinal seat with VR60 insert	\$717.00
American Insight 1Pass longitudinal flip-up seat with VR60 insert	\$542.00
American Insight 2Pass longitudinal flip-up seat with VR60 insert	\$787.00
American Insight 2Pass longitudinal flip-up seat with VR60 insert	\$787.00
American Insight 2Pass transverse flip-up seat with VR60 insert	\$622.00
American Insight 2Pass transverse R-Z fold flip seat with VR60 insert	NA
American Insight arm rest	\$18.00

American Vision 1Pass transverse seat with VR60 insert	NA
American Vision 2Pass transverse seat with VR60 insert	\$632.00
American Vision 2Pass rear cross seat with VR60 insert (non-hinged)	\$367.00
American Vision 1Pass longitudinal seat with VR60 insert	\$502.00
American Vision 2Pass longitudinal seat with VR60 insert	\$717.00
American Vision 2Pass longitudinal seat with VR60 insert	\$717.00
American Vision 1Pass longitudinal flip-up seat with VR60 insert	NA
American Vision 2Pass longitudinal flip-up seat with VR60 insert	\$772.00
American Vision 2Pass longitudinal flip-up seat with VR60 insert	\$772.00
American Vision 2Pass transverse flip-up seat with VR60 insert	\$622.00
American Vision 2Pass transverse R-Z fold flip seat with VR60 insert	\$622.00
American Vision arm rest	\$18.00

Note: all American Seating passenger seats include standard American fabric offering & grab rails

32 Passenger seat material

A. Vinyl in lieu of cloth, meeting specified flammability standards (per seat) (Passenger Seats Only)		<u>N/C</u>
B. Vertical Stitch - Vinyl or Cloth		<u>\$11.00</u>
C. Level of seat material above standard	<u>Driver</u>	<u>Passenger</u>
Level 2	<u>\$15.00</u>	<u>\$10.00</u>
Level 3	<u>\$32.00</u>	<u>\$15.00</u>
Level 4	<u>\$43.00</u>	<u>\$39.00</u>
Level 5	<u>\$67.00</u>	<u>\$49.00</u>
Level 6	<u>\$71.00</u>	<u>\$55.00</u>
Level 7	<u>\$76.00 wool</u>	<u>\$70.00 wool</u>
D. Seat materials meeting Docket 90A	<u>Level 4 or 6</u>	<u>Level 4 or 6</u>

All materials used in the construction of the seat cushion, frame, shroud and upholstery will meet or exceed the flammability and smoke emission performance criteria as described in Appendix VII, Federal Register, Vol. 58, No. 201, Wednesday, October 20, 1993, Part IX "Recommended Fire Safety Practices for Transit Bus and Van Materials Selection, Notice" in Table 1, as footnoted, on pages 54253 and 54254.

Foam \$46.00  
Per Seat  
Upholstery Level 4 or 6

E. Moisture Barrier	per seat	<u>\$3.00</u>
F. Seat arm rest		<u>\$18.00</u>

33 A. Additional wheelchair mounts including securements. \$475.00

B. Other Wheelchair Securement Applications	Specify	<u>Q-Strait - Slide &amp; Click, (ea. w.c.)</u>	<u>\$118.00</u>
	Specify		<u>\$</u>
	Specify	<u>American - ARM, (each w.c.)*</u>	<u>\$1,247.00</u>

\* Available with American seating option only

4One Q'Pod with 3 flip seats for one wheelchair position**	<u>\$5,136.00</u>
** Available seat types: Arise, Martella, Angel, Gidpro, Citiflex	
American Seating dual auto-lock/sure-lock belts/ARM (Telescoping)	<u>\$2,147.00</u>
American Seating remote release	<u>\$218.00</u>
American Seating touch tip touch pad**	<u>\$167.00</u>
American Seating barrier (Metropolitan)**	<u>\$477.00</u>
American Seating barrier (4489)	<u>\$389.00</u>
American Seating barrier (Insight)	<u>\$478.00</u>
American Seating barrier (Vision)	<u>\$618.00</u>

\* Available with American seating option only

34 Seat belt extenders (per each) \$11.00

35 Seat belts in lieu of standard (per seat) If deduct ()

A. Non-Retracting	Specify	<u>Freedman Seating</u>	<u>(\$17.00)</u>
B. Retracting	Specify	<u>Freedman Seating</u>	<u>Standard</u>
C. Delete Passenger Seat Belts - This option not available to 5310/5311/5316/5317 programs (Ded)			<u>(\$37.00)</u>

36 Seat belt retaining device N/A

**Yellow powder coated stanchions and handrails** \$687.00

**Heating, Ventilation, Air Conditioning**

44	Air Conditioning	BTUs	Manufacturer	
	A. Air Conditioning in lieu of 5.12	<u>87,600</u>	Thermo King - T11 or T14 rear mtd. *	<u>(\$1,146.00)</u>
		<u>110,000</u>	*Only available with CNG or hybrid option	
			Carrier - RF-353	<u>\$1,700.00</u>
	Alternator required: if different from standard _____			
	B. Roof mounted condenser in lieu of skirt mounted per 5.12			<u>Standard</u>
	Additional exterior height added to bus: <u>none, (std.)</u> inches			
	C. Delete standard air conditioning		Deduct	<u>(\$21,634.00)</u>

**Booster blower motor in streetside HVAC duct** \$276.00

45 Defroster Fan - Add or Delete If deduct () \$49.00

48 Rear Heater(s) - fused and switched separately

A.	Additional heater(s)	Specify:		<u>\$1,132.00</u>
		BTU	<u>QH,60 = 517 [W/m]</u>	
		Manufacturer	<u>Thermo King - convection baseboard heaters</u>	
		Model	<u>TKV 600</u>	
B.	Additional heater(s)	Specify:		<u>\$400.00</u>
		BTU	<u>65,000</u>	
		Manufacturer	<u>Pro Air</u>	
		Model	<u>#465</u>	
C.	Additional heater(s)	Specify:		<u>\$311.00</u>
		BTU	<u>N/A</u>	
		Manufacturer	<u>Warm Welcome</u>	
		Model	<u>Under step heater</u>	
D.	Heat Coil in AC			<u>Standard</u>
E.	Delete standard heater listed in 5.11.			<u>(\$785.00)</u>
F.	Insulate coolant lines to rear heaters.			<u>\$150.00</u>

**Lights**

47 Delete Day-time running lights (Deduct) (\$150.00)

48 Optional Exterior Head Lamps (12-year buses only)

A.	Xenon	<u>N/A</u>
B.	LED	<u>\$638.00</u>

**LED low beam only** \$319.00

49 Delete LED lighting package (Deduct) (\$475.00)  
 Consisting of: Running Lights, Triple ID Lights, Turn Signals, Brake Lights, Backup Lights and Tail Lights

**Daylight brand LED exterior lights** \$297.00  
**Floor mounted directional signals** \$268.00  
**Audible signal for hazards and turn signals** \$104.00  
**Roof mounted strobe light** \$144.00

50 Optional Interior Lighting

A.	LED Light Lights	Specify Mfg	Pretoria	<u>\$1,600.00</u>
		Specify Mfg	I/O Controls 1/2 watt	<u>\$1,600.00</u>

62 OEM/Aftermarket Extended Warranty

Specify Component	Miles	Years	
A. Cummins - ISB-2010 diesel engine	300,000	5 years (total)*	\$3,500.00
B. Cummins - ISL-2010 diesel engine	300,000	5 years (total)*	\$4,800.00
C. Allison - B300R or B400R transmission	Unlimited	5 years (total)*	\$2,580.00
D. Thermo King - Passenger compartment HVA	Unlimited	3 years (total)*	\$1,700.00
E. Cummins - ISL-2010 CNG engine	300,000	5 years (total)*	\$6,600.00
Voith transmission	300,000	5 years (total)*	\$2,850.00
ZF transmission	Unlimited	5 years (total)*	\$3,700.00
* Total warranty term, (standard plus extended warranty periods)			
<b>Major subsystem warranty for: brake system, destination signs, front and rear HVAC systems, door systems, air compressor and dryer, wheelchair ramp,</b>			
	150,000	3 years (total)*	\$2,800.00

Other

63 Mirrors

A. Exterior mirrors, remote controlled, with replaceable motor			N/A
B. Heated external mirrors			N/A
C. Combined heated and remote controlled mirrors			Standard
D. Front crossover mirrors			\$175.00
E. Delete interior mirror per spec. 5.15		Deduct	N/A
F. Other			
a. Interior (eg. BDS)	Specify 12" convex mirror at center door if selected		\$78.00
b. Exterior (eg. BDS)	Specify Remote controlled, heated with LED turn signals		\$52.00
	8" convex mirror mounted on front bulkhead		\$28.00
	Convex mirror mounted over front entry area		\$28.00

64 Windows

A. Thermalpane Windows			\$2,150.00
B. Windows not designed to be opened (may be opened solely as an 'Emergency Exit')			N/C
C. Extra large windows (per vehicle)	Spec/ Standard		Standard
D. Flushed Windows (12-year transit buses only)			\$5,100.00

65 Delete Fresnal (fish-eye) lens on rear window

Deduct N/A

LED light/buzzer and emergency exit windows (per bus)	\$175.00
Dura Excel Tip-In upper transom passenger windows upgrade (per bus)	\$2,100.00
Full-height sliding passenger windows (per bus)	No charge
Metal screen instructions at all egress windows	\$28.00
Diamond Guard interior anti-graffiti coating; Dura brand only (per bus)	\$1,435.00
"3 minute" passenger Windows with upper tip in transoms	\$4,792.00

66 Windshield wipers

A. Winter blades	N/A
B. Heated wiper blades	N/A

67 Rear Collision Avoidance System

Specify Back-up sonar system	\$650.00
Specify Audiovox rearview B/W camera/monitor	\$700.00

76	Bus camera system	Specify	Safety Vision - 4 camera	\$7,547.00
		Specify	REI - 4 camera	\$4,121.00
		Specify	247 - 4 camera	\$3,822.00
		Specify	Safety Vision - 6 camera	\$8,183.00
		Specify	REI - 6 camera	\$6,317.00
		Specify	247 - 6 camera	\$6,043.00
		Specify	GE Mobile View A - 6 color camera	\$14,118.00
		Specify	Mobile View docking station	\$1,093.00
		Specify	Mobile View ITS and HDD cards	\$1,438.00
		Specify	Apollo Road Runner 72 - 7 color camera	\$10,641.00
Specify	Apollo docking station	\$454.00		
Specify	Apollo Road Runner 1.0TB spare HDD	\$870.00		
77	AVL (Automatic Vehicle Location) System	Specify	Digital Recorders - DR600*	\$9,400.00
		Specify		
		Specify		
* On-board AVL equipment only.				
<b>12-volt power &amp; conduit for ITS system</b>				<b>\$386.00</b>
78	Fare Boxes			
	A. Main M4 & 1 vault w/pole			\$829.00
	B. Additional vaults for Main M4			\$204.00
	C. Main Treasury & 1 vault w/pole			\$1,141.00
	D. Additional vault for Main Treasury			\$204.00
	E. Main metal donation box	Specify	ENC produced	\$99.00
	Main metal donation box w/pole	Specify	ENC produced	\$145.00
	F. Diamond D & 1 vault w/pole			\$1,092.00
	G. Additional Vaults for Diamond D			\$459.00
	H. Diamond XV & 1 vault w/pole			\$1,141.00
	I. Additional vaults for Diamond XV			\$372.00
	J. Above fare box coded to purchaser's existing keys			No charge
	K. Pre-wire for Electronic Fare box			\$90.00
	L. 'Pole only' for Fare box			\$195.00
	M. Pre-wire for Smart Card Reader - Purchaser will supply necessary information.			\$300.00
	Fare box guard and grab rail			\$202.00
	Diamond D-8 fare box with two vaults			\$1,848.00
	GFI Odyssey farebox			\$13,359.00
	GFI trim for Odyssey farebox			\$4,040.00
	N. Other			Available upon request
79	Workshop/seminar on operation of vehicle features and preventive maintenance specific to the vehicle(s) offered in this proposal (one vehicle per class) for approximately 15 people (not including meeting facility). To include instructional video.			\$3,500.00
80	Bike Racks	Specify	SportWorks DL2 - black powder coated	\$1,148.00
		Specify	SportWorks DL2 - stainless steel	\$1,534.00
		Specify	Byk-Rak - stainless steel	\$1,534.00
		Specify	SportWorks Trilogy - black powder coated	\$1,716.00
		Specify	SportWorks Trilogy - stainless steel	\$2,288.00
81	Anti-Spray Skirting - Rear of Vehicle			\$120.00
82	Telescoping steering column			Standard
	Non-padded steering wheel 20"			\$176.00
83	Special option for systems not regulated by FTA or ADA			
	A. Delete Wheelchair lift and lift entrance-ramp 37	Deduct ( )		(\$3,350.00)
	B. Delete Wheelchair securements	Deduct ( )		(\$630.00)

**OPTIONAL EQUIPMENT AND CONFIGURATIONS TO BE INCLUDED WITH  
2012 PROCUREMENT SPECIFICATIONS FOR ACCESSIBLE  
MEDIUM DUTY AND HEAVY DUTY TRANSIT BUSES**

OPTIONS FOR THE E-Z RIDER II 30'/32'/35' - LOW-FLOOR BUS

Red - Changes for 2012

Instructions to Proposers: The proposer will offer a separate price for each of the following optional equipment items. Indicate "STD" if the option indicated is a standard feature, or "NC" if the option is not standard but is available at no additional cost. Indicate "N/A" if the option is not available. "TBD" (To Be Determined) or "quote" is not allowed to be used in pricing. If an option would result in a price deduct or a credit to the standard price, the proposer is to indicate the dollar amount in parentheses ( ) and mark "deduct" next to the price. Indicate any limitations, conditions or exceptions. Options that create limitations to warranties must be so noted.

It is understood that the availability of some options may be limited by the combination of size, weight, seating and other options selected for each vehicle. The availability of some chassis options as add-on options may be limited.

All prices shall reflect cost difference of proposed item.

**Chassis Options**

1	Diesel engine		
	Manufacturer	Cummins	
	Model	ISB-2010	
	Displacement	8.7 Liters	
	H.P. Rating	280 h.p.	
	Torque Rating	660 lb Ft. @ 1,800 RPM	
	Transmission Compatible	B300R	
	In lieu of proposed engine price		<u>\$708.00</u>
	Diesel engine		
	Manufacturer	Cummins	
	Model	ISL-2010	
	Displacement	8.9 Liters	
	H.P. Rating	280 h.p.	
	Torque Rating	900 lb Ft. @ 1,300 RPM	
	Transmission Compatible	B400R	
	In lieu of proposed engine price	Price as quoted includes upgrade to B400R trans.	<u>\$33,842.00</u>
	Diesel engine		
	Manufacturer		
	Model		
	Displacement		
	H.P. Rating		
	Torque Rating		
	Transmission Compatible		
	In lieu of proposed engine price		
2	Gas engine Option		
	Manufacturer		
	Model		
	Displacement		
	H.P. Rating		
	Torque Rating		
	Transmission Compatible		
	Inclusions	List:	
	In lieu of proposed engine price		
	CNG engine Option		
	Manufacturer	Cummins	
	Model	ISL G, (CNG)	
	Displacement	8.9 Liters	
	H.P. Rating	250 h.p.	
	Torque Rating	730 lb Ft. @ 1,300 RPM	
	Transmission Compatible	B300R	
	Inclusions	List:	
	In lieu of proposed engine price	(This option includes the complete CNG system with fire suppression & methane detection. Available on 30' and 32' only. With four (4) tank CNG pod. Note: Must order Option #43, A - rear mounted T11 or T14 HVAC system.)	<u>\$57,354.00</u>



<b>ZF Ecomet 4 transmission</b>		<b>\$1,875.00</b>
<b>Transynd transmission fluid upgrade</b>		<b>\$140.00</b>
<b>6 Optional Suspension</b>		
<b>A. Variable Rate Air-ride suspension</b>		
<b>a. Front</b>		
Manufacturer	<u>Eldorado National</u>	
Model	<u>OEM</u>	
Rating	<u>12,300 lbs.</u>	
Price w/hydraulic brakes		<u>N/A</u>
Price w/air brakes		<u>Standard</u>
<b>b. Rear</b>		
Manufacturer	<u>Eldorado National</u>	
Model	<u>OEM</u>	
Rating	<u>23,000 lbs.</u>	
Price w/hydraulic brakes		<u>N/A</u>
Price w/air brakes		<u>Standard</u>
<b>B. Other (e.g., Mor-Ryde, etc.)</b>	<b>Specify:</b> <u>N/A</u>	<u>N/A</u>
<b>C. Air Dryer</b>	<b>Specify:</b> <u>Dual Bendix AD-9</u>	<u>Standard</u>
<b>Gram White Sludge Buster air dryer</b>		<b>\$1,285.00</b>
<b>Ping tank for air system</b>		<b>\$110.00</b>
<b>7 Brakes (In lieu of standard)</b>		
<b>A. Hydraulic</b>		
Manufacturer	<u>N/A</u>	<u>N/A</u>
Model	<u>N/A</u>	
Size of front/rear	<u>N/A</u>	
<b>B. Air</b>		
Manufacturer	<u>Bendix Air and Meritor Wabco ABS</u>	<u>Standard</u>
Model		
Size of front/rear	<u>15"x6" front and 16.5"x7" rear</u>	
<b>Heated moisture ejector valve on "wet" air tank</b>		<b>No Charge</b>
<b>C. Air Dryer</b>	<b>Specify:</b> <u>Dual Bendix AD-9</u>	<u>Standard</u>
<b>8 Tires and Wheels</b>		
<b>A. Tire pressure monitoring system (monitors tire pressure for rear duals and has a singleairing point that fills both tires at the same time.</b>		<b>\$234.00</b>
<b>B. Extended valve stems on rear wheels</b>		<b>\$25.00</b>
<b>C. Spare tire and rim to match other wheels provided</b>		<b>\$850.00</b>
Delete If Standard (Deduct)		<u>N/A</u>
<b>Spare tire and aluminum wheel</b>		<b>\$1,053.00</b>
<b>1. Rim painted white</b>		
<b>a. Outside</b>		<u>N/A</u>
<b>b. Both Sides</b>		<u>Standard</u>
<b>2. Stainless Steel Wheel Inserts</b>		<b>\$650.00</b>
<b>D. Optional Wheels</b>	<b>Specify</b> <u>Aluminum wheels (6)</u>	<b>\$2,000.00</b>
<b>Specify</b>		
<b>Aluminum wheels with AccuShield finish upgrade, (per wheel price)</b>		<b>\$435.00</b>
<b>Wheels powder coated both sides; per bus; limited colors</b>		<b>\$350.00</b>
<b>Hubdometal</b>		<b>\$130.00</b>
<b>Hubdometal - Veevac Root electronic</b>		<b>\$242.00</b>
<b>Floor mounted directional signals</b>		<b>\$285.00</b>
<b>Oil seals on front hubs</b>		<b>\$100.00</b>
<b>Front and rear yellow painted lift pads</b>		<b>\$100.00</b>
<b>Automatic traction control</b>		<b>\$350.00</b>
<b>Center mud flap section</b>		<b>\$100.00</b>

<b>16 Graphics</b>		
A. Apply Logo - logo to be supplied by purchaser	Price per location	<u>\$ 15.00</u>
B. Lettering (per character)		
a. Three - Inch height		<u>\$ 5.00</u>
b. Four - Inch height		<u>\$ 5.00</u>
c. Five - Inch height		<u>\$ 5.00</u>
<b>Base coat/clear coat paint finish upgrade</b>		<u><del>\$856.00</del></u>
<b>Blackout window frames</b>		<u><del>\$888.00</del></u>
<b>Single paint stripe up to 8"</b>		<u><del>\$450.00</del></u>
<b>Interior decals per agency requirements</b>		<u><del>\$126.00</del></u>
<b>17 Floor Options</b>		
A. Flat floor extending to passenger boarding area or sloped to eliminate additional step		<u>Standard</u>
B. Alternative floor covering that meets FMVSS 302 and ADA requirements for slip resistance A 2 inch wide band of contrasting color on step edges and aisle threshold directly behind driver required	List Manufacturer <u>Altro</u>	<u>\$950.00</u>
C. Non-standard floor covering colors	List Color <u>All in-stock colors</u> List Color <u></u> List Color <u></u>	<u>Standard</u>
D. Galvanized steel, aluminum, or approved equal 0.20" minimum underbelly between the plywood and subfloor structure	Specify <u></u>	<u>N/A</u>
E. Alternate subflooring that meets or exceeds the standard detailed spec 4.12	Specify <u>Space Age composite flooring</u>	<u>\$700.00</u>
<b>18 Optional Body Skin material</b>		
	Specify <u>Composite lower sidewall panels when available</u>	<u>No charge</u>
	<u>Stainless steel lower sidewall panels</u>	<u>\$1,100.00</u>
<b>19 Optional Exterior Styling (12-year buses only)</b>		
	Specify <u>Full BRT appearance package</u>	<u>\$10,484.00</u>
	<u>BRT front end only exterior appearance package upgrade</u>	<u><del>\$3,980.00</del></u>
<b>20</b>		
A. Romeo Rim "help" bumper - provide specifications		
a. Front		<u>Standard</u>
b. Rear		<u>Standard</u>
B. Other Bumper - provide specifications	Specify <u>Transpec</u>	<u>No charge</u>
<b>Sidewall mounted rub rail</b>		<u><del>\$276.00</del></u>
<b>Front license plate mounting provision</b>		<u><del>\$33.00</del></u>
<b>21</b>		
Antenna ground plane, minimum 18 inch square or 18 inch diameter for UHF, 40 inch for VHF X 1/16th inch thick steel plate, attached to roof of body. Customer will supply antenna.	18"	<u>No charge</u>
	40"	<u>No charge</u>
A. Conduit for additional wiring - large enough to hold coaxial cable.		<u>\$176.00</u>
B. Metal mounting plate for 2-way radio - location to be specified		<u>\$50.00</u>
<b>Two way radio 12-volt and antenna pre-wiring</b>		<u><del>\$239.00</del></u>
<b>22 Roof ventilation/escape hatch</b>		
Specify make & model	<u>Specialty Manufacturing - over rear axle</u>	<u>Standard</u>
Specify make & model	<u>Specialty Manufacturing - over front axle, (manual)</u>	<u>\$355.00</u>
	<u>Specialty Manufacturing - over front axle, (electric)</u>	<u>\$560.00</u>
<b>Roof hatch alarm</b>		<u><del>\$160.00</del></u>

Delete base E-Z Rider II passenger seats & seat options 12 + 2 floorplan #94800638-MAX	\$3,121.00
Delete base E-Z Rider II passenger seats & seat options 18 + 2 floorplan #94800633-188-MAX	\$4,846.00
Delete base E-Z Rider II passenger seats & seat options 24 + 2 floorplan #94800632-188-MAX	\$7,482.00
Delete base E-Z Rider II passenger seats & seat options 24 + 2 floorplan #94800631-188-MAX	\$7,472.00
Delete base E-Z Rider II passenger seats & seat options 28 + 2 floorplan #94800611-MAX	\$7,019.00

Optional Freedom USBC passenger seats VR600 seat seats require option to delete base floorplan base	
Freedom Classic single floor with level 1 inserts	\$12,000.00
Freedom Classic single floor with level 1 inserts	\$12,000.00
Freedom Classic double floor with level 1 inserts	\$17,000.00
Freedom Classic level 2 floor upgrade	\$12,000.00
Freedom Classic level 2 floor upgrade	\$12,000.00
Freedom Classic level 2 floor upgrade	\$12,000.00
Freedom Classic wool fabric insert upgrade	\$3,000.00
Freedom Classic vinyl fabric insert upgrade	\$2,000.00
Freedom Classic grab handles	\$1,000.00

Freedom Classic level 2 floor upgrade	\$12,000.00
Freedom Classic level 2 floor upgrade	\$12,000.00
Freedom Classic level 2 floor upgrade	\$12,000.00
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Freedom Classic level 2 floor upgrade	\$12,000.00
Freedom Classic level 2 floor upgrade	\$12,000.00

Freedom Angel single floor with wool inserts	\$12,000.00
Freedom Angel single floor with wool inserts	\$12,000.00
Freedom Angel double floor with wool inserts	\$17,000.00
Freedom Angel level 2 floor upgrade	\$12,000.00
Freedom Angel vinyl fabric insert upgrade	\$2,000.00
Freedom Angel grab handles	\$1,000.00

Freedom Goddess single floor with level 1 inserts	\$12,000.00
Freedom Goddess single floor with level 1 inserts	\$12,000.00
Freedom Goddess double floor with level 1 inserts	\$17,000.00
Freedom Goddess level 2 floor upgrade	\$12,000.00
Freedom Goddess level 2 floor upgrade	\$12,000.00
Freedom Goddess level 2 floor upgrade	\$12,000.00
Freedom Goddess wool fabric insert upgrade	\$3,000.00
Freedom Goddess vinyl fabric insert upgrade	\$2,000.00
Freedom Goddess grab handles	\$1,000.00

Optional American Seating passenger seats VR600 seat seats require option to delete base floorplan base	
American Metropolitan 1Pase transverse seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase transverse seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase transverse seat with VR60 insert (non-hinged)	\$1,200.00
American Metropolitan 1Pase longitudinal seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase longitudinal seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase longitudinal seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase longitudinal flip-up seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase longitudinal flip-up seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase longitudinal flip-up seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase transverse flip-up seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase transverse flip-up seat with VR60 insert	\$1,200.00
American Metropolitan 1Pase transverse flip-up seat with VR60 insert	\$1,200.00
American Metropolitan arm rest	\$139.00

C. Wheel well adapter		Standard	
D. Foldaway seat cover - stored position			<u>\$51.00</u>
31 Additional passenger seats including specified seat belts. (Item 5.06)			
A. Single Passenger Seat - Add or Deduct - If deduct, put amount in parenthesis ()	Specify Mfg	Freedman Seating	<u>\$198.00</u>
a. 3-point restraint seat	Specify Mfg	Freedman Seating	<u>\$310.00</u>
B. Double Passenger Seat - Add or Deduct - If deduct, put amount in parenthesis ()	Specify Mfg	Freedman Seating	<u>\$370.00</u>
a. 3-point restraint seat	Specify Mfg	Freedman Seating	<u>\$476.00</u>
C. Integrated Child Restraint Seat - w/non-retracting seat belts - to match other passenger seats			
a. Single Passenger Child Restraint Seat		Freedman Seating	<u>\$525.00</u>
b. Double Passenger Child Restraint Seat w/one child seat		Freedman Seating	<u>\$762.00</u>
c. Double Passenger Child Restraint Seat w/two child seats		Freedman Seating	<u>\$1,057.00</u>
D. Pillowtop Cushion Seat (not available on flip or folding seats) Specify pedestal height <u>18.375" +/- 4"</u>		Per Seat	<u>\$27.00</u>
E. Optional Passenger Seat Anchorage	Specify <u>Cantilever seat frames-</u>	(Deduct) if Less	<u>\$14.00</u>
	Specify _____	(Deduct) if Less	_____
32 Passenger seat material			
A. Vinyl in lieu of cloth, meeting specified flammability standards (per seat) (Passenger Seats Only)			<u>N/C</u>
B. Vertical Stitch - Vinyl or Cloth			<u>\$11.00</u>
C. Level of seat material above standard	Driver	Passenger	
Level 2	<u>\$15.00</u>	<u>\$10.00</u>	
Level 3	<u>\$32.00</u>	<u>\$15.00</u>	
Level 4	<u>\$43.00</u>	<u>\$39.00</u>	
Level 5	<u>\$67.00</u>	<u>\$49.00</u>	
Level 6	<u>\$71.00</u>	<u>\$55.00</u>	
Level 7	<u>\$76.00 wool</u>	<u>\$70.00 wool</u>	
D. Seat materials meeting Docket 90A	Level 4 or 6		<u>Level 4 or 6</u>
All materials used in the construction of the seat cushion, frame, shroud and upholstery will meet or exceed the flammability and smoke emission performance criteria as described in Appendix VII, Federal Register, Vol. 58, No. 201, Wednesday, October 20, 1993, Part IX "Recommended Fire Safety Practices for Transit Bus and Van Materials Selection, Notice" in Table 1, as footnoted, on pages 54253 and 54254.			
		Foam Per Seat	<u>\$46.00</u>
		Upholstery	<u>Level 4 or 6</u>
E. Moisture Barrier	per seat		<u>\$3.00</u>
F. Seat arm rest			<u>\$18.00</u>

40 Fully automatic lift interlock system with self-diagnostic capability Specify: N/A N/A

**Stanchions and Handrails**

41 Driver stanchion options

A. Delete lower modesty panel, attached to crossbar and stanchion (Deduct) (\$40.00)

B. Driver's partition - upper Plexiglas panel behind driver Standard

42 Grab rail options

A. Additional ceiling grab rail extending the length of the bus Two Standard

B. Other than standard entrance and ceiling grab rails See Additional vertical stanchions \$85.00 each

C. Standee loops attached to ceiling grab rails \$20.00

D. Horizontal wall grab rail at wheelchair position \$45.00

E. Grab Handles on wall seats \$21.00

43 A. Vertical stanchion and cross rail, with modesty panel, between lift door and front row of seats, when vehicle has a front lift. Standard

B. Stanchion and crossrail between wheelchair position and first row of seats to meet same securement requirements as specified behind driver's seat (5.20) \$85.00

~~Yellow powder coated stanchions and handrails \$440.00~~

**Heating, Ventilation, Air Conditioning**

44 Air Conditioning

A. Air Conditioning in lieu of 5.12

BTUs	<u>87,600</u>	Manufacturer	<u>Thermo King - T11 or T14 rear mid. * (\$1,146.00)</u>
	<u>110,000</u>		<u>*Only available with CNG or hybrid option</u>
		Carrier - RF-353	<u>\$1,700.00</u>

Alternator required: if different from standard \_\_\_\_\_

B. Roof mounted condenser in lieu of skirt mounted per 5.12 Standard

Additional exterior height added to bus: none, (std.) inches

C. Delete standard air conditioning Deduct (\$21,834.00)

~~Booster blower motor in street side HVAC duct \$275.00~~

45 Defroster Fan - Add or Delete If deduct ( ) \$49.00

46 Rear Heater(s) - fused and switched separately

A. Additional heater(s) Specify: \$1,132.00

BTU	<u>QH,80 = 517 [W/m]</u>
Manufacturer	<u>Thermo King - convection baseboard heaters</u>
Model	<u>TKV 800</u>

B. Additional heater(s) Specify: \$400.00

BTU	<u>65,000</u>
Manufacturer	<u>Pro Air</u>
Model	<u>#485</u>

C. Additional heater(s) Specify: \$311.00

BTU	<u>N/A</u>
Manufacturer	<u>Warm Welcome</u>
Model	<u>Under step heater</u>

D. Heat Coil in AC Standard

E. Delete standard heater listed in 5.11. (\$785.00)

F. Insulate coolant lines to rear heaters. \$150.00

**Accessory Options**

59	Body fluid Clean-up kit		<u>\$67.00</u>
60	Additional STS equipment - including body fluid clean-up kit, ice scraper, adult blanket, flashlight and "NO SMOKING" sign, in addition to equipment specified standard to vehicle. Each item is intended to meet or exceed the applicable requirements of Minnesota Rules Chapter 8840		<u>\$176.00</u>

**Service, Warranty and Delivery Options**

61	Shop service manuals and diagrams. Shop manuals may be deliverable separately from vehicle if not yet published at time of vehicle completion.		
A.	Chassis		<u>Standard</u>
	a. Book		<u>No charge</u>
	b. CD		<u>Standard</u>
B.	Body		<u>Standard</u>
C.	Engine only		<u>Standard</u>
D.	Individual, customized wiring diagrams, including coding	Chassis Body	<u>Standard</u> <u>Standard</u>
E.	Other	Specify <u>HVAC, transmission</u>	<u>Standard</u>

DFA4 USB package		<u>\$1,170.00</u>
Cummins engine software	(Requires DFA4 USB package)	<u>\$20.00</u>
Allison transmission software	(Requires DFA4 USB package)	<u>\$18.00</u>
Panasonic ToughBook laptop		<u>\$3,000.00</u>
ThermoKing HVAC hardware/software		<u>\$20.00</u>
VO Controls hardware/software		<u>\$1,700.00</u>

**62 OEM/Aftermarket Extended Warranty**

Specify Component	Miles	Years	
A. Cummins - ISB-2010 diesel engine	300,000	5 years (total)*	<u>\$3,500.00</u>
B. Cummins - ISL-2010 diesel engine	300,000	5 years (total)*	<u>\$4,800.00</u>
C. Allison - B300R or B400R transmission	Unlimited	5 years (total)*	<u>\$2,560.00</u>
D. Thermo King - Passenger compartment HVA	Unlimited	3 years (total)*	<u>\$1,700.00</u>
E. Cummins - ISL-2010 GNS engine	300,000	5 years (total)*	<u>\$6,400.00</u>
Voith transmission	300,000	5 years (total)*	<u>\$3,950.00</u>
ZF transmission	Unlimited	5 years (total)*	<u>\$3,700.00</u>

\* Total warranty term, (standard plus extended warranty periods)

Major subsystem warranty for: brake system, destination signs, front and rear HVAC systems, door systems, air compressor and dryer, wheelchair ramp	180,000	3 years (total)*	<u>\$2,800.00</u>
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**Other**

63	Mirrors		
A.	Exterior mirrors, remote controlled, with replaceable motor		<u>N/A</u>
B.	Heated external mirrors		<u>N/A</u>
C.	Combined heated and remote controlled mirrors		<u>Standard</u>
D.	Front crossover mirrors		<u>\$175.00</u>
E.	Delete interior mirror per spec. 5.15	Deduct	<u>N/A</u>
F.	Other		
	a. Interior (eg. BDS)	Specify <u>12" convex mirror at center door if selected</u>	<u>\$76.00</u>
	b. Exterior (eg. BDS)	Specify <u>Remote controlled, heated with LED turn signals</u>	<u>\$52.00</u>

B.	Touch Pad/Tape System	Specify	<u>Electroswitch</u>	<u>\$172.00</u>
	Stop request vertical drop cords at each window mullion			<u>\$126.00</u>
	Stanchion mounted stop request push button (per button)			<u>\$88.00</u>
75	Destination Sign		<u>Slide</u>	<u>Front</u>
A.	Manual	Specify	<u>N/A</u>	<u>N/A</u>
B.	Electronic - Amber	Specify	<u>Luminator or TwinVision \$2,542.00</u>	<u>\$4,362.00</u>
C.	Electric	Specify	<u>Transign \$858.00</u>	<u>\$942.00</u>
	Luminator or Twin Vision full color LED		<u>\$6,272.00</u>	<u>\$10,387.00</u>
	Twin Vision Silver Series		<u>\$8,162.00</u>	<u>\$8,494.00</u>
	Luminator or Twin Vision amber rear route sign, (added to frontside destination signs)			<u>\$1,300.00</u>
	Luminator or Twin Vision color rear route sign, (added to frontside destination signs)			<u>\$7,299.00</u>
	Twin Vision Silver Series rear route sign, (added to frontside destination signs)			<u>\$1,488.00</u>
	Luminator or Twin Vision programming software			<u>\$1,000.00</u>
	Front destination sign defroster			<u>\$188.00</u>
	Emergency message switch for destination signs, (covert button)			<u>\$78.00</u>
	Dash mounted front LED bus number sign			<u>\$1,893.00</u>
76	Bus camera system	Specify	<u>Safety Vision - 4 camera</u>	<u>\$7,547.00</u>
		Specify	<u>REI - 4 camera</u>	<u>\$4,121.00</u>
		Specify	<u>247 - 4 camera</u>	<u>\$3,822.00</u>
		Specify	<u>Safety Vision 6 camera</u>	<u>\$8,188.00</u>
		Specify	<u>REI 6 camera</u>	<u>\$4,211.00</u>
		Specify	<u>247 6 camera</u>	<u>\$4,222.00</u>
		Specify	<u>GE Vision 4 camera field camera</u>	<u>\$14,110.00</u>
		Specify	<u>Mobile Vision 4 camera HDV camera</u>	<u>\$7,089.00</u>
		Specify	<u>Mobile Vision 4 camera HDV camera</u>	<u>\$1,430.00</u>
		Specify	<u>Apollon 4 camera 3120 color camera</u>	<u>\$10,248.00</u>
		Specify	<u>Apollon 4 camera 3120 color camera</u>	<u>\$14,250.00</u>
		Specify	<u>Apollon 4 camera 3120 color HDV</u>	<u>\$870.00</u>
77	AVL (Automatic Vehicle Location) System	Specify	<u>Digital Recorders - DR800*</u>	<u>\$8,400.00</u>
		Specify	<u></u>	<u></u>
		Specify	<u></u>	<u></u>
			* On-board AVL equipment only.	
	12-volt power & conduit for ITS system			<u>\$350.00</u>
78	Fare Boxes			
A.	Main M4 & 1 vault w/pole			<u>\$829.00</u>
B.	Additional vaults for Main M4			<u>\$204.00</u>
C.	Main Treasury & 1 vault w/pole			<u>\$1,141.00</u>
D.	Additional vault for Main Treasury			<u>\$204.00</u>
E.	Main metal donation box	Specify	<u>ENC produced</u>	<u>\$99.00</u>
	Main metal donation box w/pole	Specify	<u>ENC produced</u>	<u>\$145.00</u>
F.	Diamond D & 1 vault w/pole			<u>\$1,092.00</u>
G.	Additional Vaults for Diamond D			<u>\$459.00</u>
H.	Diamond XV & 1 vault w/pole			<u>\$1,141.00</u>
I.	Additional vaults for Diamond XV			<u>\$372.00</u>
J.	Above fare box coded to purchaser's existing keys			<u>No charge</u>
K.	Pre-wire for Electronic Fare box			<u>\$90.00</u>
L.	'Pole only' for Fare box			<u>\$195.00</u>
M.	Pre-wire for Smart Card Reader - Purchaser will supply necessary information.			<u>\$300.00</u>
	Fare box guard and grab rail			<u>\$202.00</u>
	Diamond E-S fare box with two vaults			<u>\$1,848.00</u>
	GFI Odyssey farebox			<u>\$13,380.00</u>
	GFI trim for Odyssey farebox			<u>\$4,030.00</u>
N.	Other			<u>Available upon request</u>

**OPTIONAL EQUIPMENT AND CONFIGURATIONS TO BE INCLUDED WITH  
2012 PROCUREMENT SPECIFICATIONS FOR ACCESSIBLE  
MEDIUM DUTY AND HEAVY DUTY TRANSIT BUSES**

**OPTIONS FOR THE XHF - 29'/33'/35' CONVENTIONAL FLOOR BUS**

Red - Changes for 2012

Instructions to Proposers: The proposer will offer a separate price for each of the following optional equipment items. Indicate "STD" if the option indicated is a standard feature, or "NC" if the option is not standard but is available at no additional cost. Indicate "N/A" if the option is not available. "TBD" (To Be Determined) or "quote" is not allowed to be used in pricing. If an option would result in a price deduct or a credit to the standard price, the proposer is to indicate the dollar amount in parentheses (\$) and mark "deduct" next to the price. Indicate any limitations, conditions or exceptions. Options that create limitations to warranties must be so noted.

It is understood that the availability of some options may be limited by the combination of size, weight, seating and other options selected for each vehicle. The availability of some chassis options as add-on options may be limited.

All prices shall reflect cost difference of proposed item.

**Chassis Options**

1	Diesel engine			
	Manufacturer	Cummins		
	Model	ISB-2010		
	Displacement	8.7 Liters		
	H.P. Rating	280 h.p.		
	Torque Rating	660 lb Ft. @ 1,600 RPM		
	Transmission Compatible	B300R		
	In lieu of proposed engine price			<u>\$708.00</u>
	Diesel engine			
	Manufacturer	Cummins		
	Model	ISL-2010		
	Displacement	8.9 Liters		
	H.P. Rating	280 h.p.		
	Torque Rating	900 lb Ft. @ 1,300 RPM		
	Transmission Compatible	B400R		
	In lieu of proposed engine price	Price as quoted includes upgrade to B400R trans.		<u>\$33,942.00</u>
	Diesel engine			
	Manufacturer	_____		
	Model	_____		
	Displacement	_____		
	H.P. Rating	_____		
	Torque Rating	_____		
	Transmission Compatible	_____		
	In lieu of proposed engine price			_____
2	Gas engine Option			
	Manufacturer	_____		
	Model	_____		
	Displacement	_____		
	H.P. Rating	_____		
	Torque Rating	_____		
	Transmission Compatible	_____		
	Inclusions	_____		
	In lieu of proposed engine price	List: _____		_____
	CNG engine Option			
	Manufacturer	Cummins		
	Model	ISL G, (CNG)		
	Displacement	8.9 Liters		
	H.P. Rating	250 h.p.		
	Torque Rating	730 lb Ft. @ 1,300 RPM		
	Transmission Compatible	B300R		
	Inclusions	(This option includes the complete CNG system with		<u>\$57,354.00</u>
	In lieu of proposed engine price	fire suppression & methane detection. Available on 29' and 33' only. With four (4) tank CNG pod. Note: Must order Option #43, A. - rear mounted T11 or T14 HVAC system.)		



	ZF Ecomat 4 transmission		\$1,878.00
	Transynd transmission fluid upgrade		\$140.00
6	Optional Suspension		
	A. Variable Rate Air-ride suspension		
	a. Front		
	Manufacturer	Ridewell	
	Model	ARS-227	
	Rating	12,000 lbs.	
	Price w/hydraulic brakes		N/A
	Price w/air brakes		Standard
	b. Rear		
	Manufacturer	Ridewell	
	Model	ARD-227	
	Rating	23,000 lbs.	
	Price w/hydraulic brakes		N/A
	Price w/air brakes		Standard
	B. Other (e.g., Mor-Ryde, etc.)	Specify: N/A	N/A
	C. Air Dryer	Specify: Dual Bendix AD-9	Standard
	Gram White Sludge Buster air dryer		\$1,260.00
	Ping tank for air system		\$110.00
7	Brakes (In lieu of standard)		
	A. Hydraulic		N/A
	Manufacturer	N/A	
	Model	N/A	
	Size of front/rear	N/A	
	B. Air		
	Manufacturer	Bendix Air and Meritor Wabco ABS	Standard
	Model		
	Size of front/rear	15"x8" front and 16.5"x7" rear	
	Heated moisture ejector valve on "wet" air tank		No charge
	C. Air Dryer	Specify: Dual Bendix AD-9	Standard
8	Tires and Wheels		
	A. Tire pressure monitoring system (monitors tire pressure for rear duals and has a singleairing point that fills both tires at the same time.		\$234.00
	B. Extended valve stems on rear wheels		\$25.00
	C. Spare tire and rim to match other wheels provided		\$850.00
	Delete if Standard	(Deduct)	N/A
	Spare tire and aluminum wheel		\$1,083.00
	1. Rim painted white		
	a. Outside		N/A
	b. Both Sides		Standard
	2. Stainless Steel Wheel Inserts		\$650.00
	D. Optional Wheels	Specify Aluminum wheels (6)	\$2,000.00
	Specify		
	Aluminum wheels with Accushield finish upgrade. (per wheel price)		\$439.00
	Wheels powder coated both sides; per bus; limited colors		\$197.00
	Hubodometer		\$130.00
	Hubodometer - Veezer Root electronic		\$213.00
	Floor mounted directional signals		\$218.00
	Oil seals on front hubs		\$100.00
	Front and rear yellow painted lift pads		\$104.00
	Automatic traction control		\$380.00
	Center mud flap section		\$100.00

15	Standard Manufacturer Striping Package			\$ <u>\$1,300.00</u>
16	Graphics			
	A. Apply Logo - logo to be supplied by purchaser	Price per location		\$ <u>\$15.00</u>
	B. Lettering (per character)			
	a. Three - Inch height			\$ <u>\$5.00</u>
	b. Four - Inch height			\$ <u>\$5.00</u>
	c. Five - Inch height			\$ <u>\$5.00</u>
	<del>Base coat/clear coat paint finish upgrade</del>			<del>\$650.00</del>
	<del>Blackout window frames</del>			<del>\$1000.00</del>
	<del>Single paint stripes up to 8"</del>			<del>\$600.00</del>
	<del>Interior decals per agency requirements</del>			<del>\$125.00</del>
17	Floor Options			
	A. Flat floor extending to passenger boarding area or sloped to eliminate additional step			Standard
	B. Alternative floor covering that meets FMVSS 302 and AD requirements for slip resistance. A 2 inch wide band of contrasting color on step edges and aisle threshold directly behind driver require	List Manufacturer Altro		\$850.00
	C. Non-standard floor covering colors	List Color List Color List Color	All in-stock colors	Standard
	D. Galvanized steel, aluminum, or approved equal 0.20" minimum underbelly between the plywood and subfloor structure	Specify		N/A
	E. Alternate subflooring that meets or exceeds the standard detailed spec 4.12	Specify	Space Age composite flooring	\$700.00
18	Optional Body Skin material	Specify	Stainless steel from window line down.	\$1,100.00
19	Optional Exterior Styling (12-year buses only)	Specify		N/A
20	A. Romeo Rim "help" bumper - provide specifications			
	a. Front			Standard
	b. Rear			Standard
	B. Other Bumper - provide specifications			N/A
	<del>Sidewall mounted rub rail</del>			<del>\$275.00</del>
	<del>Front license plate mounting provision</del>			<del>\$33.00</del>
21	Antenna ground plane, minimum 18 inch square or 18 inch diameter for UHF, 40 inch for VHF X 1/16th inch thick steel plate, attached to roof of body. Customer will supply antenna.		18" 40"	No charge No charge
	A. Conduit for additional wiring - large enough to hold coaxial cable.			\$178.00
	B. Metal mounting plate for 2-way radio - location to be specified			\$50.00
	<del>Two way radio 12-volt and antenna pre-wiring</del>			<del>\$239.00</del>
22	Roof ventilation/escape hatch			
	Specify make & model	Specialty Manufacturing - over rear axle		Standard
	Specify make & model	Specialty Manufacturing - over front axle, (manual)		\$355.00
		Specialty Manufacturing - over front axle, (electric)		\$580.00
	<del>Roof hatch alarm</del>			<del>\$180.00</del>

<i>Optional Freedom/USCC passenger seats without seat belts *requires option to delete base floorplan seats</i>	
Freedom CHseat single fixed with level 1 insert	\$240.00
Freedom CHseat single flip with level 1 insert	\$348.00
Freedom CHseat double forward facing foldaway with level 1 insert	\$714.00
Freedom CHseat level 2 insert upgrade	\$18.00
Freedom CHseat level 3 insert upgrade	\$25.00
Freedom CHseat level 4 insert upgrade	\$32.00
Freedom CHseat with hand insert upgrade	\$37.00
Freedom CHseat and vandal insert upgrade	\$42.00
Freedom CHseat grab handles	\$13.00
<hr/>	
Freedom CHseat single fixed with level 1 insert	\$240.00
Freedom CHseat single flip with level 1 insert	\$348.00
Freedom CHseat level 2 insert upgrade	\$18.00
Freedom CHseat level 3 insert upgrade	\$25.00
Freedom CHseat level 4 insert upgrade	\$32.00
Freedom CHseat with hand insert upgrade	\$37.00
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Freedom CHseat single fixed with level 1 insert	\$240.00
Freedom CHseat single flip with level 1 insert	\$348.00
Freedom CHseat level 2 insert upgrade	\$18.00
Freedom CHseat level 3 insert upgrade	\$25.00
Freedom CHseat level 4 insert upgrade	\$32.00
Freedom CHseat with hand insert upgrade	\$37.00
Freedom CHseat and vandal insert upgrade	\$42.00
Freedom CHseat grab handles	\$13.00
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USCC Area single fixed with wood insert	\$180.00
USCC Area single flip with wood insert	\$270.00
USCC Area double forward facing foldaway with wood insert	\$540.00
USCC Area level 2 insert upgrade	\$18.00
USCC Area level 3 insert upgrade	\$25.00
USCC Area level 4 insert upgrade	\$32.00
USCC Area with hand insert upgrade	\$37.00
USCC Area and vandal insert upgrade	\$42.00
USCC Area grab handles	\$13.00
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USCC Marble single fixed with wood insert	\$180.00
USCC Marble single flip with wood insert	\$270.00
USCC Marble double forward facing foldaway with wood insert	\$540.00
USCC Marble level 2 insert upgrade	\$18.00
USCC Marble level 3 insert upgrade	\$25.00
USCC Marble level 4 insert upgrade	\$32.00
USCC Marble with hand insert upgrade	\$37.00
USCC Marble and vandal insert upgrade	\$42.00
USCC Marble grab handles	\$13.00
<hr/>	
Freedom Area single fixed with wood insert	\$180.00
Freedom Area single flip with wood insert	\$270.00
Freedom Area double forward facing foldaway with wood insert	\$540.00
Freedom Area level 2 insert upgrade	\$18.00
Freedom Area level 3 insert upgrade	\$25.00
Freedom Area level 4 insert upgrade	\$32.00
Freedom Area with hand insert upgrade	\$37.00
Freedom Area and vandal insert upgrade	\$42.00
Freedom Area grab handles	\$13.00
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Freedom Goddess single fixed with level 1 insert	\$180.00
Freedom Goddess single flip with level 1 insert	\$270.00
Freedom Goddess double forward facing foldaway with level 1 insert	\$540.00
Freedom Goddess level 2 insert upgrade	\$18.00
Freedom Goddess level 3 insert upgrade	\$25.00
Freedom Goddess level 4 insert upgrade	\$32.00
Freedom Goddess with hand insert upgrade	\$37.00
Freedom Goddess and vandal insert upgrade	\$42.00
Freedom Goddess grab handles	\$13.00
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<i>Optional American Seating passenger seats without seat belts *requires option to delete base floorplan seats</i>	
American Metropolitan 1Pass transverse seat with VR60 insert	\$477.00
American Metropolitan 2Pass transverse seat with VR60 insert	\$828.00
American Metropolitan 2Pass transverse seat with VR60 insert	\$828.00
American Metropolitan 2Pass transverse seat with VR60 insert (non-tinged)	\$1,179.00
American Metropolitan 1Pass longitudinal seat with VR60 insert	\$477.00
American Metropolitan 2Pass longitudinal seat with VR60 insert	\$828.00
American Metropolitan 1Pass longitudinal flip-up seat with VR60 insert	\$1,179.00
American Metropolitan 2Pass longitudinal flip-up seat with VR60 insert	\$1,530.00
American Metropolitan 2Pass longitudinal flip-up seat with VR60 insert	\$1,530.00
American Metropolitan 2Pass transverse flip-up seat with VR60 insert	\$1,530.00
American Metropolitan 2Pass transverse E-Z fold flip seat with VR60 insert	\$1,743.00
American Metropolitan arm rest	\$148.00

C.	Wheel well adapter		<u>Standard</u>
D.	Foldaway seat cover - stored position		<u>\$51.00</u>
31	Additional passenger seats including specified seat belts. (Item 5.06)		
A.	Single Passenger Seat - Add or Deduct - if deduct, put amount in parenthesis ()	Specify Mfg	<u>Freedman Seating</u> <u>\$198.00</u>
a.	3-point restraint seat	Specify Mfg	<u>Freedman Seating</u> <u>\$310.00</u>
B.	Double Passenger Seat - Add or Deduct - if deduct, put amount in parenthesis ()	Specify Mfg	<u>Freedman Seating</u> <u>\$370.00</u>
a.	3-point restraint seat	Specify Mfg	<u>Freedman Seating</u> <u>\$476.00</u>
C.	Integrated Child Restraint Seat - w/non-retracting seat belts - to match other passenger seats		
a.	Single Passenger Child Restraint Seat		<u>Freedman Seating</u> <u>\$525.00</u>
b.	Double Passenger Child Restraint Seat w/one child seat		<u>Freedman Seating</u> <u>\$782.00</u>
c.	Double Passenger Child Restraint Seat w/two child seats		<u>Freedman Seating</u> <u>\$1,057.00</u>
D.	Pillowtop Cushion Seat (not available on flip or folding seats) Specify pedestal height <u>18.375" +/- 4"</u>		Per Seat <u>\$27.00</u>
E.	Optional Passenger Seat Anchorage		
	Specify <u>Cantilever seat frames-</u>	(Deduct) if Less	<u>\$14.00</u>
	Specify _____	(Deduct) if Less	_____
32	Passenger seat material		
A.	Vinyl in lieu of cloth, meeting specified flammability standards (per seat) (Passenger Seats Only)		<u>N/C</u>
B.	Vertical Stitch - Vinyl or Cloth		<u>\$11.00</u>
C.	Level of seat material above standard	<u>Driver</u>	<u>Passenger</u>
	Level 2	<u>\$15.00</u>	<u>\$10.00</u>
	Level 3	<u>\$32.00</u>	<u>\$15.00</u>
	Level 4	<u>\$43.00</u>	<u>\$39.00</u>
	Level 5	<u>\$67.00</u>	<u>\$49.00</u>
	Level 6	<u>\$71.00</u>	<u>\$55.00</u>
	Level 7	<u>\$76.00 wool</u>	<u>\$70.00 wool</u>
D.	Seat materials meeting Docket 90A	<u>Level 4 or 6</u>	<u>Level 4 or 6</u>
	All materials used in the construction of the seat cushion, frame, shroud and upholstery will meet or exceed the flammability and smoke emission performance criteria as described in Appendix VII, Federal Register, Vol. 58, No. 201, Wednesday, October 20, 1993, Part IX "Recommended Fire Safety Practices for Transit Bus and Van Materials Selection, Notice" in Table 1, as footnoted, on pages 54253 and 54254.		
		Foam	<u>\$46.00</u>
		Per seat	
		Upholstery	<u>Level 4 or 6</u>

40 Fully automatic lift interlock system with self-diagnostic capability Specify: N/A N/A

**Stanchions and Handrails**

41 Driver stanchion options

A. Delete lower modesty panel, attached to crossbar and stanchion (Deduct) (\$40.00)

B. Driver's partition - upper Plexiglas panel behind driver Standard

42 Grab rail options

A. Additional ceiling grab rail extending the length of the bus Two Standard

B. Other than standard entrance and ceiling grab rails See Additional vertical stanchions \$85.00 each

C. Stander loops attached to ceiling grab rails \$20.00

D. Horizontal wall grab rail at wheelchair position \$46.00

E. Grab Handles on wall seats \$21.00

43 A. Vertical stanchion and cross rail, with modesty panel, between lift door and front row of seats, when vehicle has a front lift. Standard

B. Stanchion and crossrail between wheelchair position and first row of seats to meet same securement requirements as specified behind driver's seat (5.20) \$85.00

~~Yellow powder coated stanchions and handrails \$440.00~~

**Heating, Ventilation, Air Conditioning**

44 Air Conditioning

A. Air Conditioning in lieu of 5.12

BTUs	Manufacturer	
<u>87,600</u>	<u>Thermo King - T11 or T14 rear mid.*</u>	<u>(\$1,146.00)</u>
	<small>*Only available with CNG or hybrid option</small>	
<u>110,000</u>	<u>Carrier - RF-353</u>	<u>\$1,700.00</u>

Alternator required: if different from standard \_\_\_\_\_

B. Roof mounted condenser in lieu of skirt mounted per 5.12 Standard

Additional exterior height added to bus: none, (std.) inches

C. Delete standard air conditioning Deduct (\$21,634.00)

~~Booster blower motor in street side HVAC duct \$275.00~~

45 Defroster Fan - Add or Delete If deduct () \$49.00

46 Rear Heater(s) - fused and switched separately

A. Additional heater(s) Specify: \$1,132.00

BTU	<u>QH,80 = 517 [W/m]</u>
Manufacturer	<u>Thermo King - convection baseboard heaters</u>
Model	<u>TKV 600</u>

B. Additional heater(s) Specify: \$400.00

BTU	<u>65,000</u>
Manufacturer	<u>Pro Air</u>
Model	<u>#465</u>

C. Additional heater(s) Specify: \$404.00

BTU	<u>N/A</u>
Manufacturer	<u>Warm Welcome</u>
Model	<u>Under step heater</u>

D. Heat Coil in AC Standard

E. Delete standard heater listed in 5.11. (\$785.00)

F. Insulate coolant lines to rear heaters. \$150.00

60 Additional STS equipment - including body fluid clean-up kit, ice scraper, adult blanket, flashlight and "NO SMOKING" sign, in addition to equipment specified standard to vehicle. Each item is intended to meet or exceed the applicable requirements of Minnesota Rules Chapter 8840 \$176.00

**Service, Warranty and Delivery Options**

61 Shop service manuals and diagrams.  
Shop manuals may be deliverable separately from vehicle if not yet published at time of vehicle completion.

A. Chassis			Standard
a. Book			No charge
b. CD			Standard
B. Body			Standard
C. Engine only			Standard
D. Individual, customized wiring diagrams, including coding		Chassis	Standard
		Body	Standard
E. Other	Specify	<u>HVAC, transmission</u>	Standard

DPA4 USB package		\$1,176.00
Cummins engine software (Requires DPA4 USB package)		\$20.00
Allison transmission software (Requires DPA4 USB package)		\$150.00
Parasitic Toughbook laptop		\$3,500.00
Thermoking HVAC hardware/software		\$200.00
I/O Controls hardware/software		\$4,870.00

62 OEM/Aftermarket Extended Warranty

Specify Component	Miles	Years	
A. Cummins - ISB-2010 diesel engine	300,000	5 years (total)*	\$3,500.00
B. Cummins - ISL-2010 diesel engine	300,000	5 years (total)*	\$4,800.00
C. Allison - B300R or B400R transmission	Unlimited	5 years (total)*	\$2,580.00
D. Thermo King - Passenger compartment HVA	Unlimited	3 years (total)*	\$1,700.00
E. Cummins - ISL-2010 CNG engine	300,000	5 years (total)*	\$6,000.00
Volvo transmission	300,000	5 years (total)*	\$2,800.00
ZF transmission	Unlimited	5 years (total)*	\$3,760.00

\* Total warranty term, (standard plus extended warranty periods)

Major subsystem warranty for: Brake systems, destination signs, front and rear HVAC systems, door systems, air compressor and dryer, wheelchair ramp, starter and alternator	150,000	3 years (total)*		\$2,800.00
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Other

63 Mirrors

A. Exterior mirrors, remote controlled, with replaceable motor			N/A
B. Heated external mirrors			N/A
C. Combined heated and remote controlled mirrors			Standard
D. Front crossover mirrors			\$175.00
E. Delete interior mirror per spec. 5.15		Deduct	N/A
F. Other			
a. Interior (eg. BDS)	Specify	<u>12" convex mirror at center door if selected</u>	\$78.00
b. Exterior (eg. BDS)	Specify	<u>Remote controlled, heated with LED turn signals</u>	\$52.00
6" convex mirror mounted on front bulkhead			\$28.00
Convex mirror mounted over front entry area			\$28.00

75 Destination Sign		Side	Front
A. Manual	Specify	N/A	N/A
B. Electronic - Amber	Specify	Luminator or TwinVision \$2,542.00	\$4,362.00
C. Electric	Specify	Transign \$858.00	\$942.00
Luminator or Twin Vision full color LED:		\$4,372.00	\$10,307.00
Twin Vision Silver Series:		\$4,142.00	\$8,836.00
Luminator or Twin Vision amber rear route sign (added to front/side destination signs)			\$1,200.00
Luminator or Twin Vision white rear route sign (added to front/side destination signs)			\$3,482.00
Twin Vision Silver Series rear route sign (added to front/side destination signs)			\$1,200.00
Luminator or Twin Vision programming software:			\$1,040.00
Front destination sign deflector:			\$150.00
Emergency message switch for destination signs (cover button)			\$70.00
Dash mounted front LED bus number sign:			\$1,600.00
76 Bus camera system			
	Specify	Safety Vision - 4 camera	\$7,547.00
	Specify	REI - 4 camera	\$4,121.00
	Specify	247 - 4 camera	\$3,822.00
	Specify	Safety Vision - 4 camera	\$8,193.00
	Specify	REI - 4 camera	\$5,311.00
	Specify	247 - 4 camera	\$5,240.00
	Specify	REI - 4 camera	\$14,318.00
	Specify	Mobile View RealTime HD06	\$1,000.00
	Specify	Mobile View RealTime HD06	\$1,250.00
	Specify	Apollis Road Runner 1.0TB spare HDD	\$11,500.00
	Specify	Apollis RealTime HD06	\$200.00
	Specify	Apollis Road Runner 1.0TB spare HDD	\$570.00
77 AVL (Automatic Vehicle Location) System			
	Specify	Digital Recorders - DR600*	\$9,400.00
	Specify		
	Specify		
			* On-board AVL equipment only.
12-volt power & conduit for ITS system:			\$350.00
78 Fare Boxes			
A.	Main M4 & 1 vault w/pole		\$829.00
B.	Additional vaults for Main M4		\$204.00
C.	Main Treasury & 1 vault w/pole		\$1,141.00
D.	Additional vault for Main Treasury		\$204.00
E.	Main metal donation box	Specify ENC produced	\$99.00
	Main metal donation box w/pole	Specify ENC produced	\$145.00
F.	Diamond D & 1 vault w/pole		\$1,092.00
G.	Additional Vaults for Diamond D		\$459.00
H.	Diamond XV & 1 vault w/pole		\$1,141.00
I.	Additional vaults for Diamond XV		\$372.00
J.	Above fare box coded to purchaser's existing keys		No charge
K.	Pre-wire for Electronic Fare box		\$90.00
L.	'Pole only' for Fare box		\$195.00
M.	Pre-wire for Smart Card Reader - Purchaser will supply necessary information.		\$300.00
Fare box guard and grab rail:			\$202.00
Diamond D fare box with two vaults:			\$1,845.00
GFI Odyssey fare box:			\$13,350.00
GFI trim for Odyssey fare box:			\$4,030.00
N. Other			Available upon request
79 Workshop/seminar on operation of vehicle features and preventive maintenance specific to the vehicle(s) offered in this proposal (one vehicle per class) for approximately 15 people (not including meeting facility). To include instructional video.			
			\$3,500.00

**TECHNICAL INFORMATION**

**TECHNICAL INFORMATION - Axess low-floor bus**

Bus Vendor	<u>EIDorado National - California, Inc.</u>
Bus Manufacturer	<u>EIDorado National - California, Inc.</u>
Bus Model Number	<u>Axess</u>
Altoona Test Life (years/miles)	<u>12 year/500,000 miles</u>
Production Location	<u>Riverside, California</u>
Warehouse and Service Locations	<u>Riverside, CA and in-state service/warranty Rep.: Telin Transportation Group - Becker, MN</u>
Overall Length (including bumpers)	<u>40' 1.5"</u>
Overall Width (excluding mirrors)	<u>102"</u>
Overall Exterior Height	<u>126"</u>
Interior Height (center of aisle)	<u>95" front, 79" rear</u>
Doorway Opening	<u>37" opening at door panels, 34" at handrails</u>
Ambulatory	<u>Width 37" inches / Height 79" inches</u>
Wheelchair	<u>Width N/A inches / Height N/A inches</u>
Wheel base	<u>275"</u>
Floor thickness	<u>.75" thick</u>
Construction Type/Materials	<u>-----</u>
Subframe	<u>High Strength, Grade C structural steel</u>
Body frame	<u>High Strength, Grade C structural steel</u>
Exterior panels	<u>.080" aluminum skin</u>
Interior panels	<u>.125" thick, transit grade melamine</u>
Insulation	<u>2.5" fiberglass batt insulation</u>
Chassis Manufacturer	<u>EIDorado National - California, Inc.</u>
Certified Weight of Bus - Total	<u>29,640 lbs. curb weight</u>
On Front Axle	<u>9,680 lbs.</u>
On Rear Axle	<u>19,780 lbs.</u>



Power Steering Pump Manufacturer	Sauer-Danfoss
Model	#550136901136130
Brakes - Manufacturer	Arvin Meritor / Bendix
Front - Type	S-Cam air brakes with ABS
Diameter	16.5"
Rear - Type	S-Cam air brakes with ABS
Diameter	16.5"
Radiator Manufacturer	JB Radiator Specialties
Type	Flat fin
Model	RS-5951
Total System Capacity (Excluding auxiliary heating system)	22 gallons
Radiator Fan Speed Control Type	Engine ECM modulated
Surge Tank Capacity	3 gallons
Engine Thermostat Temperature Setting	205 degrees
Overheat Alarm Temperature Setting	225 degrees
Heating System Capacity	Front 60,000 BTUs / Rear 130k + 120k BTUs
Heating Cores - Manufacturer	floor
Number of cores	Varies by system
Air Conditioning - Manufacturer	Thermoking
Model	Athenia
Capacity (BTUs)	92,000
Fuel Tank Capacity (gallons)	125 gallons
Tires - Manufacturer	Michelin
Size	305/70R-22.5
Type	Steel belted radial
Load Range	Load range J

# Membership Application

Please provide the information requested below and mail, email or fax it to:

**Materials Management Division  
Attention: Sherry Brown  
112 Administration Building  
50 Sherburne Avenue  
St. Paul MN 55155**

**Email: sherry.brown@state.mn.us  
Fax: 651.297.3996**

A membership permit number and security access code will be sent to you following receipt and processing of your application.

Stanislaus County Public Works Transit  
ORGANIZATION NAME

1010 10th Street, Ste 4204  
ADDRESS

Modesto CA. 95354  
CITY STATE ZIP

Doralee Ann Boles  
CONTACT NAME

209 - 525-7504  
TELEPHONE FAX

bolesd@stancounty.com  
CONTACT EMAIL

EUNICE LOVI  
AUTHORIZED NAME (PLEASE PRINT)

Elovi  
AUTHORIZED SIGNATURE

Eligibility based on (please circle):

471.59 16C.23 43A.50

309.50 145.9268 16C.03

June 2011

Cooperative Purchasing Venture  
Materials Management Division  
112 Administration Building  
50 Sherburne Avenue  
St. Paul MN 55155

**MEMBERSHIP IS FREE**

# Cooperative Purchasing Venture (CPV)

## Membership Application

MEMBERSHIP IS FREE



*Submit C*



## COOPERATIVE PURCHASING AGREEMENT

Under the Authority of Minnesota Statutes § 16C.03, Subdivision 10  
and

Minnesota Statutes § 471.59, Subdivision 1

This Joint Powers Agreement is between the State of Minnesota, through its commissioner of Administration, Materials Management Division ("Division") and

### STANISLAUS COUNTY PUBLIC WORKS TRANSIT ("Authorized Entity").

Pursuant to Minn. Stat. § 16C.03, subd. 10, the Division acquires various supplies, commodities, equipment, and services for state agencies and governmental units (as defined in Minn. Stat. § 471.59, subd. 1) through competitive bidding or requests for proposals. The Division, through Minn. Stat. § 16C.11, and the Authorized Entity wish to combine their purchasing functions, as specifically provided below, so that the Authorized Entity may avail itself of the prices which have been agreed upon by the Division and its vendors.

The parties agree as follows:

- 1. Term.** This joint powers agreement will be effective on the date State obtains all required signatures under Minn. Stat. § 16C.05, subd. 2, and remains in effect until canceled by either party upon 30 days' written notice to the other party.
- 2. Services.** The Division will make its contracts for commodities and services, as listed on the State of Minnesota's Contract Index, available to the Authorized Entity.
- 3. Use of Division Contracts.** To purchase commodities or services from the Division's contracts, the Authorized Entity must issue a purchase order in accordance with the terms and conditions of the Division's contracts and any requirements applicable to the Authorized Entity's governing body. The Authorized Entity must send purchase orders directly to the applicable vendor and will make payments directly to the vendor in accordance with its established procedures and terms of the Division's contract. The Authorized Entity will not use the goods available under the Division's contracts for the purposes of resale. The Authorized Entity must be the end user of the goods purchased.
- 4. Liability.** The Authorized Entity agrees that neither the Division nor its employees personally assume responsibility or liability for any amounts due or claimed to be due pursuant to any purchase order entered issued by the Authorized Entity. The Authorized Entity will indemnify, save and hold harmless the Division and its employees from any loss, damage or



**COOPERATIVE PURCHASING AGREEMENT**

Under the Authority of Minnesota Statutes § 16C.03, Subdivision 10 and

Minnesota Statutes § 471.59, Subdivision 1

expense, including payment of attorney fees allowable by law, which arise or may arise from the Authorized Entity's use of this joint powers agreement and from any dispute or claim arising from any transaction between the Authorized Entity and the Division's vendors, whether or not the loss, damage, dispute or claim arises during or after the period of this cooperative agreement. The Division's liability will be governed by the provisions of Minn. Stat. § 3.736.

**STANISLAUS COUNTY PUBLIC WORKS  
TRANSIT**

"Authorized Entity certifies that the appropriate person(s) have executed this cooperative agreement on behalf of the Authorized Entity as required by applicable articles, bylaws, resolutions or ordinances."

By: Elovi  
(Authorized Signature)

Transit M Manager  
(Title)

1010 10<sup>th</sup> Street, Suite 4204, Madesto CT  
(Address)

April 26, 2012  
(Date)

**STATE OF MINNESOTA**

"By Delegation"

By: [Signature]  
Materials Management Division  
8-28-12  
(Date)

Permit Number/Access Code:  
519931

2012 AUG 28 A 11:04

# Admin Minnesota

## Materials Management Division

Room 112 Administration Bldg., 50 Sherburne Ave., St. Paul, MN 55155; Phone: 651.296.2600, Fax: 651.297.3996  
For TTY/TDD communication, contact us through the Minnesota Relay Service at 1.800.627.3529.

### CONTRACT RELEASE: B-347(5)

**DATE:** JANUARY 25, 2012

**PRODUCT/SERVICE:** BUSES: TRANSIT – 2012 MODEL YEAR ACCESSIBLE SMALL AND MID-SIZED BODY-ON-CHASSIS BUSES AND PURPOSE BUILT MEDIUM DUTY ACCESSIBLE BUSES

**CONTRACT PERIOD:** JANUARY 26, 2012, THROUGH DECEMBER 31, 2012

**EXTENSION OPTIONS:** NONE

**ACQUISITION MANAGEMENT SPECIALIST:** JACKIE FINGER

**PHONE:** 651.201.2436 **E-MAIL:** [jackie.finger@state.mn.us](mailto:jackie.finger@state.mn.us) **WEB SITE:** [www.mmd.admin.state.mn.us](http://www.mmd.admin.state.mn.us)

#### NOTIFICATION OF MULTIPLE AWARDS

**THIS RELEASE CONTAINS MULTIPLE AWARDS FOR SIMILAR OR LIKE ITEMS. STATE AGENCIES AND CPV MEMBERS SHOULD REVIEW AND COMPARE ALL MULTIPLE AWARD CONTRACT VENDORS IN ORDER TO ENSURE THE BEST VALUE FOR THEIR POTENTIAL PURCHASE. FACTORS SUCH AS, BUT NOT LIMITED TO, COST, EQUIPMENT WARRANTY TERMS, VENDOR LOCATION, DELIVERY LEAD TIMES, AVAILABLE SUBSTITUTES, SELECTED OPTIONS AND CURRENT FLEET AND EQUIPMENT OR PARTS INVENTORY LEVELS ALL MAY CONTRIBUTE TO THE TOTAL COST/VALUE OF AN INDIVIDUAL PURCHASE. MULTIPLE VENDORS MAY BE ABLE TO SATISFY THE REQUIREMENTS OF THE PURCHASER AND THEREFORE IT IS IMPORTANT FOR THE PURCHASER TO REVIEW ALL CONTRACTS AND CONTRACT PRICES BEFORE EXECUTING AN ORDER.**

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>COACH &amp; EQUIPMENT BUS SALES</b> 1109 Frankfurt Avenue Baltimore, MD 21226	<b>40754</b>	<b>NET 30</b>	<b>120 DAYS ARO</b>

**VENDOR NO.:** 0000811233 **CONTACT:** Dorothy Hersey **PHONE:** 410.262.7888 or 800.724.8664  
[dhersey@coachsales.com](mailto:dhersey@coachsales.com) **FAX:** 315.536.0460

<b>DAIMLER BUSES NORTH AMERICA</b> 165 Base Road Oriskany, NY 13424	<b>40757</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
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**VENDOR NO.:** 0000352950 **CONTACT:** Greg Stephanian **PHONE:** 905.403.7286  
[greg.stephanian@dcbusna.com](mailto:greg.stephanian@dcbusna.com) **FAX:** 905.403.8808

<u>CONTRACT VENDOR</u>	<u>CONTRACT NO.</u>	<u>TERMS</u>	<u>DELIVERY</u>
<b>ELDORADO – CALIFORNIA</b> 9670 Galena Street Riverside, CA 92509	<b>40758</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000300680	<b>CONTACT:</b> Michael Ammann <a href="mailto:mammann@eldorado-ca.com">mammann@eldorado-ca.com</a>	<b>PHONE:</b> 515.270.2939 <b>FAX:</b> 515.270.2537	
*****			
<b>ELDORADO – KANSAS</b> 1655 Wall Street Sallina, KS 67401	<b>40759</b>	<b>NET 30</b>	<b>120 DAYS AFTER CHASSIS</b>
<b>VENDOR NO.:</b> 0000357087	<b>CONTACT:</b> Karen Rexroad <a href="mailto:karinr@enconline.com">karinr@enconline.com</a>	<b>PHONE:</b> 785.827.1033 – Ext. 125 or 800.808.1287 <b>FAX:</b> 785.823.9471	
*****			
<b>GILLIG LLC</b> 25800 Clawiter Road Hayward, CA 94545	<b>40761</b>	<b>Net 30</b>	<b>420 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000265836	<b>CONTACT:</b> Sam Enochian <a href="mailto:sam.enochian@gillig.com">sam.enochian@gillig.com</a>	<b>PHONE:</b> 800.735.1500 <b>FAX:</b> 510.785.6819	
*****			
<b>HOGLUND BUS COMPANY</b> PO Box 249 Monticello, MN 55362	<b>40762</b>	<b>Net 30</b>	<b>120 DAYS AFTER CHASSIS</b>
<b>VENDOR NO.:</b> 0000192668	<b>CONTACT:</b> Scott Gretsch <a href="mailto:sales@hoglundbus.com">sales@hoglundbus.com</a>	<b>PHONE:</b> 763.271.2975 or 800.866.3105 <b>FAX:</b> 763.295.4992	
*****			
<b>NEW FLYER OF AMERICA, INC.</b> 711 Kernaghan Avenue Winnipeg, Manitoba, Canada R2C 3T4	<b>40763</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000258272	<b>CONTACT:</b> Adrian Graca <a href="mailto:adrian_graca@newflyer.com">adrian_graca@newflyer.com</a>	<b>PHONE:</b> 204.224.6381 <b>FAX:</b> 204.224.4214	
*****			
<b>NORTH CENTRAL BUS SALES</b> 2629 Clearwater Road St. Cloud, MN 56301	<b>40764</b>	<b>NET 30</b>	<b>120 DAYS AFTER CHASSIS</b>
<b>VENDOR NO.:</b> 0000234132	<b>CONTACT:</b> Mike Klauda <a href="mailto:mike@northcentralinc.com">mike@northcentralinc.com</a>	<b>PHONE:</b> 612.238.0400 or 877.485.9591 <b>FAX:</b> 612.331.1387	
*****			
<b>NOVA BUS</b> 260 Banker Road Plattsburgh, NY 12901	<b>40768</b>	<b>NET 30</b>	<b>365 DAYS ARO</b>
<b>VENDOR NO.:</b> 0000375658	<b>CONTACT:</b> John Kardos <a href="mailto:john_kardos@volvo.com">john_kardos@volvo.com</a>	<b>PHONE:</b> 450.974.6048 or 800.350.6682 – X6048 <b>FAX:</b> 450.974.3001	
*****			

**COOPERATIVE PURCHASING VENTURE MEMBERS.** This Contract is available for use by CPV members. If these commodities or service can be better structured to help you with your business needs, let us know. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to CPVs, please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the Contract Feedback Form.

**STATE AGENCY CONTRACT USE.** This Contract must be used by State agencies unless a specific exception is granted by the Acquisition Management Specialist listed above. We solicit your comments and suggestions to improve all of our contracts so that they may better serve your business needs. If you have a need for which no contract currently exists, or you would like to be able to use an existing state contract that is not available to your agency, please contact us. If you have specific comments or suggestions about an individual contract you can submit those via the Contract Feedback Form.

**CONTRACT USERS.** This Contract is available to State agencies and to members of the State's Cooperative Purchasing Venture (CPV) program at the same prices, terms, and conditions.

**STATE AGENCY CONTRACT USE.** This Contract must be used by State agencies unless a specific exception is granted by the Acquisition Management Specialist listed above.

**AGENCY ORDERING INSTRUCTIONS.** Orders are to be placed directly with the Contract Vendor. State agencies should use a Contract release order (CRO) or a blanket purchase order (BPC). The person ordering should include his or her name and phone number. Orders may be submitted via fax.

#### **SPECIAL TERMS AND CONDITIONS**

**SCOPE.** The purpose of this Contract is to provide a source for 2012 Model Year Accessible Small and Mid-Sized Body-on-Purpose Built Medium Duty Accessible Transit Buses. The State of Minnesota, Department of Transportation (MnDOT), will manage the Contract on behalf of multiple transit providers for vehicles to be funded through Federal Sections 5310 and 5311 programs and State funds. MnDOT may also elect to fund additional options. The Office of Transit will review each transit systems vehicle selection for final approval. The Office of Transit will participate in funding vehicle purchases for an amount not to exceed the recipient's Contract amount. The recipient will fund costs exceeding the Contract amount.

- **Any requests for copies of the solicitation or vendor contracts should be directed to the AMS listed above.**
- **Any questions regarding the grant program or technical specifications may be directed to Kathy Fuller, Office of Transit, at [kathy.fuller@state.mn.us](mailto:kathy.fuller@state.mn.us) .**

MnDOT will issue purchase orders and payments directly to the Contract Vendor for those agencies receiving capital assistance under the Section 5310 program.

Rural public transit systems funded through State and Federal Section 5311 funds will individually issue purchase orders through an approval process at the Office of Transit. Payment for vehicles will be made to the Contract Vendor by each rural public transit system.

A list of participating Section 5310 and 5311 programs will be distributed to the Contract Vendor. Some transit systems are designated as Special Transportation Service (STS) providers. STS providers require an inspection sticker by the Office of Motor Carrier Services before the lift-equipped vehicle is placed into service.

**PRICES.** Prices shall be firm during the term of the Contract. All price reductions announced, and substantiated by the manufacturer, must be applied at the time of announcement for products that have been ordered and not delivered. If applicable during the term of the Contract, all published manufacturer's rebates and order incentives must be passed on to the State and notification must be sent to the AMS immediately. If a dealer is offered a manufacturer's discount that same discount must be offered to current and future orders made against the Contract. **NOTE:** At no time should the ordering entity pay more than the Contract price. Agencies must contact the AMS immediately and fill out a Vendor Performance Report if there is a discrepancy between the price on the invoice and the Contract price.

**NOTE:** Prices provided by the Contract Vendor for standard and optional equipment are considered final. If a purchaser determines that additional optional equipment is required, that optional equipment must be purchased separate and aside from this Contract and a separate purchase order is required. Price adjustments to this Contract may only be effected by amendment.

Should specific optional equipment be designed and engineered for the manufacturer's bus after Contract award, the Contract Vendor may submit a Contract Amendment Request to add said equipment. Request must include price and proof that equipment was not available at time of RFP submission. All pricing for optional equipment added to the Contract by amendment is considered final.

The terms for optional equipment are the same for all Purchasers in all states.

**TRANSPORTATION COSTS.** All costs associated with freight charges from the manufacturer to the Contract Vendor should be included in the price of the bus.

The dealer and the Purchaser will concur on the distance from the dealership to the Purchaser's delivery point as determined from <http://maps.yahoo.com> as the index and that number of miles will be used in calculating the delivery costs. The Contract Vendor will indicate a cost per mile for the delivery of the completed unit to the purchasing delivery point.

The Contract Vendor may state a minimum delivery charge for Purchasers that are close in location. The Purchaser may calculate the larger of the two costs, mileage or minimum charge. The minimum delivery charge (if used) shall not be added to the cost per mile deduction.

All equipment will be delivered to the Purchaser, FOB Destination, with transportation charges listed as a separate cost. Transportation charges from the dealer to the Purchaser are not exempt from State of Minnesota use tax but should be invoiced as a separate line item.

The Purchaser reserves the option to pick up the vehicle at the dealer's location and will advise the Contract Vendor accordingly prior to the scheduled delivery date.

Fuel surcharges will only be allowed if the price per gallon of diesel fuel increases more than 20 percent from the diesel fuel prices posted on the day the RFP is due. The index used for the Contract will be the weekly On-Highway Diesel Prices for the Midwest Region as posted each Monday at: <http://tonto.eia.doe.gov/oog/info/wohdp/diesel.asp>.

All requests for fuel surcharges must be submitted and approved by the Acquisition Management Specialist of the Materials Management Division (Department of Administration) before they are put into effect. A copy of the rate schedule will be submitted with the request to add the fuel surcharge. The exact amount of the surcharge and the length of time the surcharge may be added, if any, will be governed by the validity of the documentary evidence submitted. No price increase will be effective until approved by the Acquisition Management Specialist.

**TAXES.** No taxes should be calculated into the cost of the vehicle being offered. Taxes will be calculated and invoiced, if applicable, as a separate line item on the invoice. For the purposes of this solicitation, motor vehicle means any self-propelled vehicle required to be licensed for road use and any vehicle propelled or drawn by a self-propelled vehicle required to be licensed for road use. It includes vehicles such as cars, vans, pick-ups, trailers, and motorcycles. It does not include snowmobiles or manufactured homes.

**State Excise Tax.** A 6.5% Motor Vehicle Sales Tax is imposed on the sale of motor vehicles per Minn. Stat. § 297B.02. The Contract Vendor (dealer) is responsible for licensing and transfer of title to the Purchaser, so the Purchaser should include the 6.5% excise tax in the money paid to the dealer. Dealers will pay the excise tax as well as the other registration and titling fees to the Department of Public Safety's motor vehicle registrar on the Purchaser's behalf.



**Transit Improvement Vehicle Excise Tax.** A \$20 Transit Improvement Vehicle Excise Tax applies to sales of motor vehicles registered for road use. The \$20 must be collected by any person in the business of selling new or used motor vehicles at retail when the sale occurs in the transit tax area. The \$20 tax applies even if the buyer is from out of state and will take the vehicle out of Minnesota for registration. The \$20 tax is not connected to registration, but rather to the sale. The Deputy Registrar does not collect this tax. The Contract Vendor (dealer) must report the \$20 on their electronic sales tax return at the same time as they report their Minnesota sales and use tax.

The sale occurs where the Purchaser takes possession of the vehicle. For instance, if the vehicle is sold in the transit tax area, but is *delivered out of the transit tax area*, the \$20 excise tax does not apply. Conversely, if the vehicle is sold outside of the transit tax area, but is *delivered into the transit tax area*, the \$20 excise tax does apply.

**Exceptions to the \$20 Transit Improvement Vehicle Excise Tax:**

- Federal government agencies, vehicles not required to be licensed for road use (e.g., marked police cars, fire trucks and ambulances) and vehicles for resale.
- Leased vehicles.

**As a point of clarification, the following taxes DO NOT apply to the sale of motor vehicles:**

- General Sales and Use Tax
- City and County Local Tax
- Federal Excise Tax (as the State is Exempt)
- Transit Improvement 0.25% Sales and Use Tax

**QUANTITY DISCOUNTS.** In some cases, Contract Vendors may offer discounts to purchasers that order more than one bus per time. If ordering multiple units, purchasers should confirm if such discounts are part of the Contract.

**Order Processing.** The Office of Transit will provide an electronic order form. The Contract Vendor will complete the form electronically with all order details and will provide a completed copy to the recipient. The Contract Vendor will acknowledge receipt of a purchase order and confirm to the Purchaser a firm delivery date of the completed vehicles(s). If requested by the Purchaser, the Contract Vendor must submit a detailed floor plan of the vehicle ordered.

**Delivery Requirements.** Each bus shall be delivered or be available for pickup by the Purchaser within the time frame determined by the Contract Vendor's response and Contract terms. An additional 30 days will be permitted for vehicles in excess of 20 ordered at the same time.

**Invoices.** The Contract Vendor must submit two copies of any invoice to the Purchaser. In addition, one copy of each invoice must be submitted to the designee at the Office of Transit for each purchase made against this Contract unless the customer is not a recipient of grant funds through the Minnesota Office of Transit. If payments may be consigned to another financial entity other than the Contract Vendor, that information is detailed in the Contract Vendor's response.

All concessions and rebates are required to be included in the prices offered by the Contract Vendor. To secure the concessions and rebates, the Contract Vendor may require the Purchaser to sign the chassis manufacturer's Government Price Concession re-assignment and Mobility Motoring Rebate forms as part of the invoicing process.

**SHIPPING TERMS.** All costs associated with freight charges from the manufacturer to the Contract Vendor should be included in the price of the material.

The Contract Vendor and the purchaser will concur on the distance from the dealership to the purchaser's delivery point and that number of miles will be used in calculating the delivery costs. The Contract indicates a cost per mile for the delivery of the completed unit to the purchasing delivery point.

The Contract Vendor may state a minimum delivery charge for purchasers in a close location. The purchaser may calculate the larger of the two costs, mileage or minimum charge. The minimum delivery charge (if used) shall not be added to the cost per mile calculation.

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All equipment will be delivered to the purchaser, FOB Destination, with transportation charges listed as a separate cost. Transportation charges from the dealer to the purchaser are exempt from city and state taxes.

The purchaser reserves the option to pick up the vehicle at the Contract Vendor's location and, prior to the scheduled delivery date, will advise the Contract Vendor accordingly.

**Warranty Repairs.** The Contract Vendor shall be the single contact through which Purchasers will arrange warranty work that is still covered under the Original Manufacturer's Warranty on the equipment that is purchased. The Purchaser reserves the right to require the work to be subcontracted if it facilitates and expedites the completion of the repair. All costs will be borne by the Contract Vendor on warranty repairs.

In the event that a new delivered unit fails after it has been put in service and cannot be used – and that unit is still covered under the Original Manufacturer's Equipment Warranty – the Contract Vendor will be solely responsible for providing resources to the Purchaser, or reimbursing any actual expenses incurred by the Purchaser, to avoid any interruption of service by the Purchaser. The Contract Vendor will work directly with the Manufacturer to recover its expenses incurred to service the Purchaser. Equipment may not be out-of-service beyond normal standards due to logistical or geographical constraints by the Contract Vendor.

**CONTRACT VENDOR RESPONSIBILITIES.** The Contract Vendor will be required to provide the following:

- a. Upon notification of Contract award, notify MnDOT of the names and addresses of the suppliers/manufacturers and the locations of the final assembly points for each vehicle, plus the contact person at said locations. In the event the final assembly of a vehicle process takes place in more than one location, the Contract Vendor shall so notify MnDOT and describe the final assembly processes to be performed at each location.
- b. If required by FTA Guidelines, make provisions for a Pilot Inspection, at the manufacturing plant before vehicle completion on one of each proposed vehicle type and size. Upon request, the representatives/inspectors will have access to vehicle drawings, material standards, parts lists, inspection processing and reports, and records of defects.
- c. Deliver the finished and fully equipped vehicle(s) to a designated audit/inspection site as listed on the Customer Purchase Order. As outlined in 49CFR663, for rural or urbanized areas of 200,000 people or fewer purchasing 20 or fewer vehicles, or large urbanized areas of over 200,000 people purchasing 10 or fewer vehicles, the Customer and Contract Vendor will arrange for one inspection to determine complete compliance of vehicle specifications. All Contract Vendor expenses for the inspection will be borne by the Contract Vendor.

As outlined in 49CFR663, for rural or urbanized areas of 200,000 people or fewer purchasing 21 or more, or large urbanized areas of over 200,000 people purchasing 11 or more, appropriate inspections will be conducted to ensure compliance with 49CFR663 - Post-delivery Audits of Rolling Stock. All Customer expenses for in-plant inspections will be borne by the Customer.

- d. Make arrangements to correct, or have corrected, any and all vehicle and/or included equipment deviations of specification requirements identified in the inspections. A vehicle will not be accepted until it passes all inspections.
- e. All of the equipment furnished with the vehicle shall be completely installed and all adjustments made that are required to prepare the vehicle and its equipment for immediate and continuous operation upon delivery.
- f. Each bus shall be delivered to the recipient within a time frame determined by the Responder's offer. Delivery will be in accordance with the delivery process described in Section VI of the detailed specifications of this document. An additional 30 days will be permitted for vehicles in excess of twenty (20) ordered at the same time.
- g. An estimated schedule for delivery to an inspection site on each vehicle sold in Minnesota shall be submitted to the Office of Transit.

- h. Each bus shall be complete and ready for service, and all documents required by specifications must be organized in a 3-ring binder, spiral bound, or similar secure format and delivered with the bus. Documents required by specifications are all chassis, body and major components (wheelchair lift and securements, heating and cooling, tires, etc.) operational manuals, warranty coverage and repair locations and contacts, and maintenance schedules. Optional Shop Manuals and Catalogs (Exhibit A & B, Optional Equipment #59) may be delivered to Customer within 60 days of delivery. The Contract Vendor shall assume all responsibilities and liabilities incident to such delivery.
- i. The Contract Vendor shall arrange for the complete correction of all defects occurring prior to acceptance of the vehicle. All defects occurring prior to acceptance of the vehicle shall be the responsibility of the Contract Vendor, and will be fully corrected at the Contract Vendor's expense and/or under applicable warranty, including transportation costs. Substantial corrections may require particular FMVSS recertification and/or extended warranties
- j. Delivery of a vehicle to the Purchaser will include providing information specific to the vehicle. See approved checklist in the appendix section of this RFP.
- k. The recipient shall conduct acceptance tests on the delivered bus to identify defects that have become apparent. Receipt of equipment shall not release the Contract Vendor for faulty materials or workmanship appearing even after final payment has been made.
- l. The recipient will notify the Office of Transit within seven working days after the delivery of the complete unit, whether or not the vehicle has been accepted. A letter of non-acceptance shall furnish details of the deficiencies. Acceptance of equipment shall not release the Contract Vendor for faulty materials or workmanship appearing even after the final payment has been made.
- m. The Contract Vendor shall be the single contact through which recipients will arrange warranty work.

### **Inspection Procedures**

Each bus shall be complete and ready for service, and all documents required by the specifications, e.g., schematics, floor plan, etc., must be provided with the bus upon delivery or pickup. The Contract vendor shall assume all responsibilities and liabilities incident to such a delivery or acceptance of the delivery.

As each bus becomes ready for delivery to Purchaser, the Contract Vendor will notify the designee at the Minnesota Office of Transit that it is ready for a contract specifications compliance inspection, unless the customer is not a recipient of grant funds through the Minnesota Office of Transit. The inspection will be conducted at Contract Vendor's location for all State and federal funded purchases.

The recipient of a State or federal funded purchase shall conduct acceptance tests on the delivered bus within seven (7) legal working days of receipt to identify defects that have become apparent. If payment has not been made by the Purchaser and defects have not been reconciled the Purchaser may hold payment, without penalty by the Contract Vendor, until all corrections have been made. Receipt of equipment shall not release the Contract Vendor for faulty materials or workmanship appearing after final payment has been made.

The bus specifications are intended to provide a general description for the purchase of:

### **NEW 2012-2013 MODEL YEAR BUSES WITH WHEELCHAIR LIFT AND SECUREMENT DEVICES**

The Purchaser intends to obtain a safe, reliable vehicle with an attractive interior and exterior design and excellent ride qualities. The bus will be used to transport the general public and will be equipped for persons with disabilities. Buses will be operated on all types of roadways at various speeds and will be started and stopped frequently, in both city and highway operations. Transit systems for which vehicles are procured are individually unique in system operations and require various bus sizes and seating configurations to meet individual needs.

**GENERAL REQUIREMENTS.** The equipment provided by the Contract Vendor must meet the following requirements:

- a. The bus shall comply with all requirements of the State of Minnesota as to lighting equipment, air pollution control equipment, and all warning and safety devices. The bus must comply with the Federal Motor Vehicle Safety Standards and Federal Motor Carrier Safety Regulations in effect at the time of manufacture.

- b. The wheelchair securement positions must meet all federal and state requirements even if unintentionally omitted in these specifications. The preceding applies to any/or all other omissions (federal, state, or local) related to these specifications.
- c. Responses should be accompanied by a description of the Responder's standard product, including brochures and detailed specifications.
- d. The vehicle to be procured in accordance with the specifications and procedures set forth herein will be constructed following the same structural design and configuration as an equal vehicle previously tested and certified for service by the Pennsylvania Transportation Institute Bus Testing Facilities in Altoona, Pennsylvania, (a Federal Transit Administration sponsored facility). The test must have been conducted on the complete vehicle anticipating a minimum of:
  - Four/Five years or 100,000/150,000 miles of service for vehicles typified by accessible small and mid-sized body-on-chassis buses;
  - Seven years or 200,000 miles of service for vehicles typified by medium duty mid-size buses, approximately 25 to 30 feet;
  - Ten years or 350,000 miles of service for vehicles typified by heavy duty mid-size buses, approximately 30 feet; and
  - Twelve years or 500,000 miles of service for vehicles typified by heavy duty transit buses, approximately 30 to 40 feet.

The manufacturer of the vehicle identified in response to these specifications will submit, with the response document, certification issued by the Altoona testing facility, unless an exception is granted in writing prior to the response opening based on previously submitted documents. A complete copy of the Altoona Test results must be on file at the Office of Transit. If a complete copy is already on file at the Office of Transit and a major component or configuration change occurs that produces a partial test, a copy of the final test report must be submitted with the response. A copy of the partial Altoona test results must be on file at the Office of Transit.

- e. Materials used in the specified components of the vehicle's occupant compartment shall meet or exceed the burn resistance requirements set forth in FMVSS #302.
- f. All equipment must meet the requirements of the American's with Disabilities Act.
- g. If applicable, the portion of the purchase price of a motor vehicle to make it accessible to persons with disabilities is not subject to State of Minnesota sales tax. A sample form is provided in this RFP and must be completed for each vehicle.
- h. Delivery costs are to be for loaded miles only. The Responder must state the starting location. Mileage distances will be determined from an official map of the United States. All deliveries shall be FOB destination.
- i. All seating and wheelchair positions are in addition to the driver's seat. All wheelchair positions must be forward facing, accessible to the lift door. The lift door must be located on the right side of vehicle. All "flip seats" are to meet the requirements as outlined in the detailed specifications furnished with the RFP.
- j. Each unit requires a specific combination of "options" for that unit only, which shall be included in the total price.
- k. Vehicles in excess of 22 feet must meet ADA requirements for two wheelchair positions.
- l. The Office of Freight and Commercial Vehicle Operations will inspect buses purchased by Special Transportation Service (STS) providers for STS compliance at the time of Office of Transit inspections. Other than STS providers, the Department of Public Safety conducts an inspection after the vehicle has been delivered to recipient.
- m. There is no provision to negotiate with transit systems for vehicle trade-in allowances.

<u>PRODUCT OR SERVICE</u>	<u>KLIN</u>	<u>SWIFT CODE</u>
Bus, Passenger, Small Transit	00001	25101502
Bus, Passenger, Medium Duty Accessible	00002	25101502
Bus, Optional Equipment	00003	25174800

**Following is a list of the Contract Vendors and the make and models that are offered:**

**Coach & Equipment Bus** **Contract No. 40754**

**Class 300/400 Vehicles:**

Coach and Equipment Phoenix, Phoenix AC, Phoenix XL, Phoenix SRW Buses on Ford Chassis  
Coach and Equipment Pegasus Bus on Chevrolet Chassis

**Daimler Buses North America** **Contract No. 40757**

**Class 700 Vehicles**

Orion VII Low Floor Diesel Heavy Duty Bus  
Orion VII Low Floor CNG Heavy Duty Bus  
Orion VII Low Floor BAE Hybrid Heavy Duty Bus  
Orion VII Low Floor Allison Hybrid Heavy Duty Bus

**Eldorado California** **Contract No. 40758**

**Class 700 Vehicles**

EIDorado E-Z Rider II Low Floor Heavy Duty Bus  
EIDorado XHF Standard Floor Heavy Duty Bus  
EIDorado Axxess Low Floor Heavy Duty Bus

**Eldorado Kansas** **Contract No. 40759**

**Class 300/400 Vehicles**

EIDorado Aerolite and Aerotech Buses on Ford and Chevrolet Chassis  
EIDorado Transtech Bus on Ford Chassis

**Class 500 / 600 Vehicles**

EIDorado Aero Elite Buses on International Chassis  
EIDorado Aero Elite Buses on Ford F550 Chassis

**Gillig, LLC** **Contract No. 40761**

**Class 700 Vehicles**

Gillig Low Floor Heavy Duty Bus

Hoglund Bus Company, Inc.

Contract No. 40762

Class 300/400 Vehicles:

Glaval Universal Bus on Ford Chassis  
Glaval Titan II Bus on Chevrolet Chassis  
Diamond Coach VIP and VIP 2500 Buses on Ford Chassis  
Turtle Top Van Terra Bus on Ford Chassis  
Turtle Top Terra Transport Bus on Chevrolet Chassis  
Turtle Top Odyssey Bus on Ford and Chevrolet Chassis  
Champion Crusader and Challenger Buses on Ford and Chevrolet Chassis  
Arboc Spirit of Mobility Bus on Chevrolet Chassis

Class 500/600 Vehicles:

Glaval Concorde II Bus on Ford F650 Chassis  
Glaval Entourage Bus on Ford F550 Chassis  
IC Corporation AC, HC, Defender, EZ Trans, RE Buses on International Chassis

New Flyer of America

Contract No. 40763

Class 700 Vehicles:

New Flyer Xcelsior XD35 and XD40 Heavy Duty Bus

North Central Bus Equipment

Contract No. 40764

Discounts: 7 + Units - \$100 less on Base Price

Class 300/400 Vehicles:

Goshen Coach Pacer LS, Pacer II and GCII Buses on Ford Chassis  
Goshen Coach Pacer LS, Pacer II and GCII Buses on Chevrolet Chassis  
Elkhart Coach ECII Bus on Ford Chassis  
Supreme Candidate and Senator Buses on Ford Chassis  
Supreme Candidate and Senator Buses on Chevrolet Chassis  
Supreme E-Lo Floor Bus on Ford Chassis

Class 500/600 Vehicles:

Goshen Coach Sentinel Bus on International Chassis  
Goshen Coach G-Force Bus on Ford F450/F550 Chassis  
Supreme Senator HD Bus on Ford F550 Chassis

Nova Bus

Contract No. 40768

Class 700 Vehicles:

NOVA 40' and 60' LFS Diesel Heavy Duty Bus  
NOVA 40' and 60' LFS HEV Heavy Duty Bus

SPECIFICATIONS

# E-Z RIDER II




Unsurpassed Flexibility / Legendary Reliability

HEAVY-DUTY 30', 32' AND 35' LOW-FLOOR BUS



The E-Z Rider II continues to be the mid-size, heavy-duty low-floor bus gold standard! Designed and built in the USA, the E-Z Rider II offers unmatched floor plan flexibility with ADA compliant wheelchair ramps at front, center or both doors for superior paratransit flexibility. With hundreds of options, the E-Z Rider II is custom built to meet your exacting needs. With the latest in exterior styling, the E-Z Rider II will separate your fleet from the ordinary!

DESIGNED AND BUILT IN THE USA! 



**BEST AESTHETICS**

Swept windshield offers the superior aesthetics you demand with enhanced visibility and reduced wind noise for the driver and passengers.



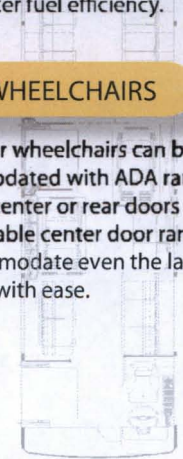
**HIGHEST CAPACITY**

Best seated capacity in the business! The E-Z Rider II 35' seats as many as the competitors 40' bus! High capacity with superior maneuverability and greater fuel efficiency.



**MOST WHEELCHAIRS**

Up to four wheelchairs can be accommodated with ADA ramps at front, center or rear doors = total access! The available center door ramp is designed to accommodate even the largest electric scooters with ease.



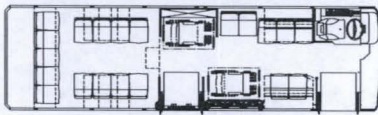
# E-Z RIDER II

# TECHNICAL SPECIFICATIONS

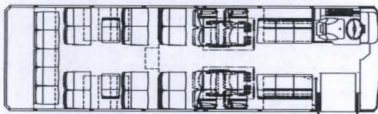
## POPULAR FLOORPLANS

(Note: this is only a partial listing of available floorplans. To find a floorplan meeting your exact needs, contact your Eldorado National representative.)

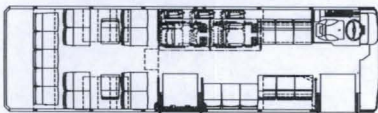
### 30' MODEL



20 Passengers w/2 Wheelchairs  
or 23 Passengers

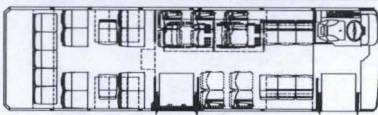


25 Passengers w/2 Wheelchairs  
or 33 Passengers

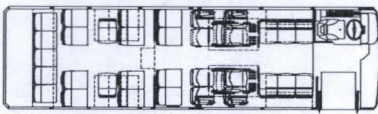


24 Passengers w/2 Wheelchairs  
or 30 Passengers

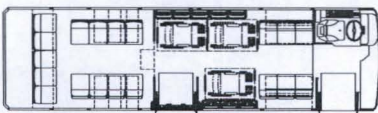
### 32' MODEL



25 Passengers w/2 Wheelchairs  
or 31 Passengers

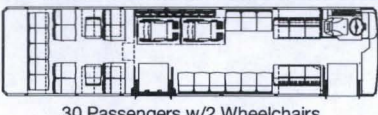


25 Passengers w/2 Wheelchairs  
or 33 Passengers



19 Passengers w/3 Wheelchairs  
or 27 Passengers

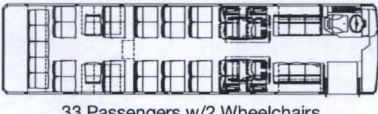
### 35' MODEL



30 Passengers w/2 Wheelchairs  
or 35 Passengers



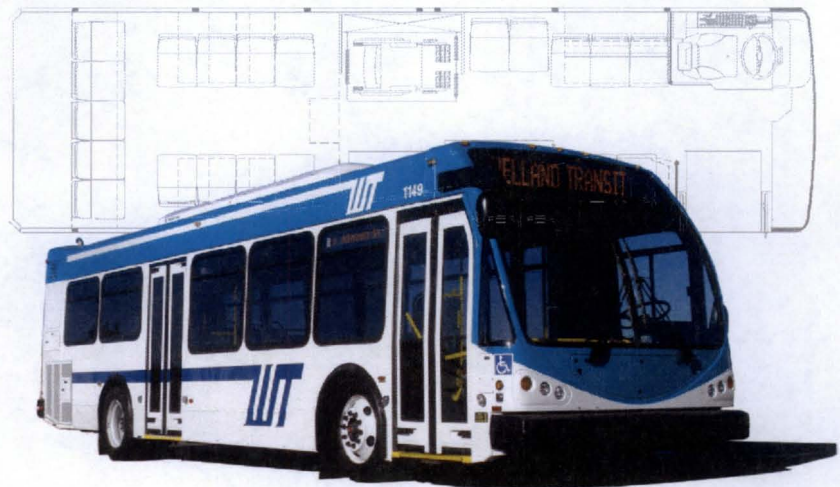
22 Passengers w/2 Wheelchairs  
or 28 Passengers



33 Passengers w/2 Wheelchairs  
or 41 Passengers

TECHNICAL SPECIFICATIONS	30' MODEL	32' MODEL	35' MODEL
GVWR	35,000 lbs.	35,000 lbs.	35,000 lbs.
Body Length	30' 7"	31' 3"	35' 7"
Body Width	102"	102"	102"
Wheelbase	160"	168"	220"
Approach Angle	9°	9°	9°
Breakover Angle	14°	14°	12°
Departure Angle	9°	9°	9°
Seating	Up to 33	Up to 33	Up to 41

Body Height	125" With Exhaust, 126" With Roof HVAC, 136" With CNG
Interior Height	95" Over Front Axle, 78" Over Rear Axle
Step Height-Front And Rear Doors	14" and 11" Kneeled
Wheelchair Ramp Locations	Front And/Or Center Doors
Available Engines	Cummins - Diesel, CNG, LNG, Allison Hybrid Electric
Available Transmissions	Allison - B300R, B400R, Voith, ZF
Passenger HVAC	Roof Or Rear Mounted Plus Dash Mounted Driver's HVAC
Front And Rear Axles	ArvinMeritor
Brakes	S-Cam Drum W/Automatic Slack Adjusters And ABS
Tires	275/70R 22.5
Front And Rear Doors	Vapor Air - Slide Glide
Electrical System	I/O Controls Multiplex - G2A or G3
Suspension	Air Suspension Front And Rear



At Eldorado National, we constantly improve our product; as a result all specifications and dimensions are subject to change without notice.



**Eldorado National - California**  
Thor Industries Commercial Bus Division  
9670 Galena Street • Riverside, CA 92509  
(909) 591-9557  
[www.enconline.com](http://www.enconline.com)